

Appendix D3 – Management Programs (Illicit Discharge and Elimination)

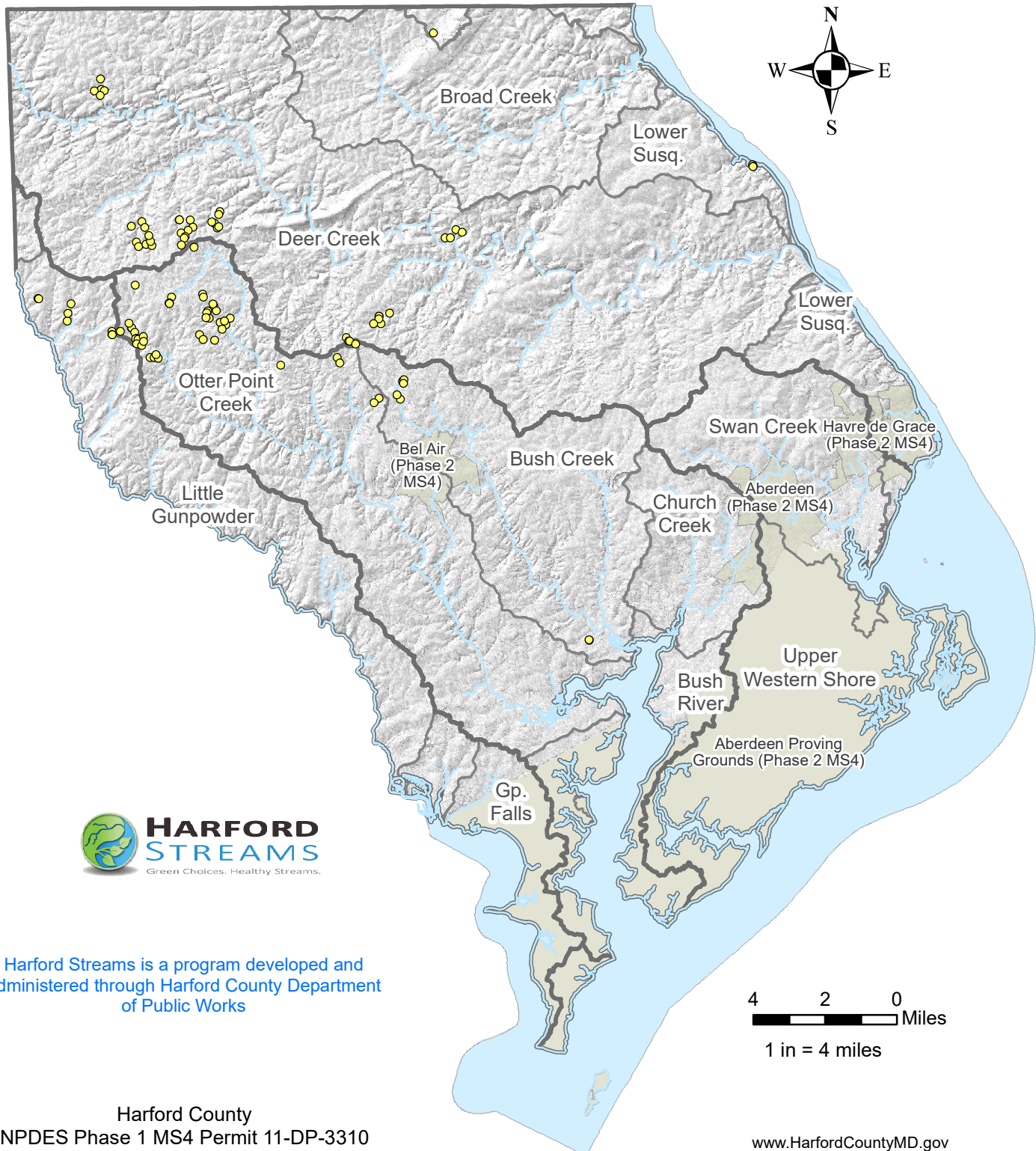
Appendix D3

Harford County, MD Department of Public Works Watershed Protection and Restoration

Inspected Stormdrain Outfalls (July 1, 2020 - June 30, 2021)



Barry Glassman
County Executive



FY2021 OUTFALL SCREENINGS

LIKELIHOOD OF ILLICIT		PARAMETER EXCEEDING ACTION CRITERIA					
OUTFALL NUMBER	DISCHARGE	COLOR	CONDUCTIVITY	TEMPERATURE	CHLORINE	SURFACTANTS	OUTCOME/SOURCE
OF002598	LOW		X			X	ROAD SALT

Harford County Department of Public Works

Outfall Inspections between July 1, 2020 and June 30, 2021

Barry Glassman
County Executive

DATE	OUTFALL	TEST #	OBSERVED FLOW	CFS	WATER TEMP F	pH	PHENOLS	CHLORINE	DETERGENTS	COPPER
3/10/2021	OF000001	1	N							
5/13/2021	OF000004	1	Y	0.0012	59.1	7.61	0	0	0.2	0
5/14/2021	OF000004	2	Y	0.0012	59.3	6.68	0	0	0.2	0
6/18/2021	OF000007	1	N							
3/11/2021	OF000310	1	N							
3/10/2021	OF000373a	1	N							
3/10/2021	OF000373b	1	N							
4/19/2021	OF000376	1	N							
3/16/2021	OF000498	1	N							
6/28/2021	OF000630	1	N							
6/28/2021	OF000669	1	N							
3/11/2021	OF000692	1	N							
3/11/2021	OF000698	1	N							
4/6/2021	OF000708	1	N							
4/6/2021	OF000709	1	N							
4/6/2021	OF000710	1	N							
4/6/2021	OF000711	1	N							
4/6/2021	OF000712	1	N							
3/12/2021	OF000754	1	N							
3/12/2021	OF000755	1	N							
3/12/2021	OF000756	1	N							

DATE	OUTFALL	TEST #	OBSERVED FLOW	CFS	WATER TEMP F	pH	PHENOLS	CHLORINE	DETERGENTS	COPPER
3/9/2021	OF000759	1	N							
3/9/2021	OF000761	1	N							
3/9/2021	OF000762	1	N							
3/9/2021	OF000768	1	N							
3/9/2021	OF000769	1	N							
3/9/2021	OF000770	1	N							
3/9/2021	OF000771	1	N							
3/9/2021	OF000772	1	N							
3/9/2021	OF000773	1	N							
3/9/2021	OF000775	1	N							
3/10/2021	OF000781	1	N							
3/10/2021	OF000782	1	N							
3/10/2021	OF000783	1	N							
3/10/2021	OF000784	1	N							
3/10/2021	OF000785	1	N							
3/10/2021	OF000790	1	N							
3/10/2021	OF000794	1	N							
3/10/2021	OF000795	1	N							
3/10/2021	OF000797	1	N							
3/10/2021	OF000798	1	N							
3/10/2021	OF000799	1	N							
3/10/2021	OF000800	1	N							
3/10/2021	OF000801	1	N							
3/10/2021	OF000802	1	Y	0.0006	46.9	7.9	0	0	0.2	0

DATE	OUTFALL	TEST #	OBSERVED FLOW	CFS	WATER TEMP F	pH	PHENOLS	CHLORINE	DETERGENTS	COPPER
3/11/2021	OF000802	2	Y	0.0006	57	7.53	0	0	0.2	0
3/10/2021	OF000808	1	N							
3/11/2021	OF000825	1	N							
3/11/2021	OF000826	1	Y	0.0003	56.3	6.74	0	0	0.1	0
3/12/2021	OF000826	2	Y	0.0003	53.7	6.71	0	0	0.1	0
4/6/2021	OF000858	1	Y	0.0003	55.2	6.23	0	0	0.05	0
4/7/2021	OF000858	2	Y	0.0003	52.7	6.2	0	0	0.1	0
4/6/2021	OF000859	1	Y	0.0029	55.2	7.51	0	0	0.1	0
4/7/2021	OF000859	2	Y	0.0029	51.9	6.42	0	0	0.1	0
4/6/2021	OF000860	1	N							
4/6/2021	OF000862	1	N							
4/6/2021	OF000863	1	N							
4/6/2021	OF000864	1	Y	0.0071	56.6	6	0	0	0.15	0
4/7/2021	OF000864	2	Y	0.0071	57	5.95	0	0	0.1	0
4/6/2021	OF000865	1	N							
4/6/2021	OF000866	1	Y	0.0006	55.7	6.81	0	0	0.1	0
4/7/2021	OF000866	2	Y	0.0006	61.5	6.49	0	0	0.1	0
4/6/2021	OF000867	1	N							
4/19/2021	OF000869	1	Y	0.0018	56.6	6.95	0	0	0.1	0
4/20/2021	OF000869	2	Y	0.0012	60.6	7.24	0	0	0.1	0
4/19/2021	OF000870	1	N							
4/19/2021	OF000871	1	N							
4/19/2021	OF000872	1	N							
5/13/2021	OF000873	1	N							

DATE	OUTFALL	TEST #	OBSERVED FLOW	CFS	WATER TEMP F	pH	PHENOLS	CHLORINE	DETERGENTS	COPPER
5/13/2021	OF000874	1	N							
5/13/2021	OF000875	1	N							
5/13/2021	OF000876	1	N							
5/13/2021	OF000879	1	N							
5/13/2021	OF000880	1	N							
5/13/2021	OF000882	1	N							
5/13/2021	OF000883	1	N							
5/13/2021	OF000884	1	N							
5/13/2021	OF000885	1	N							
6/18/2021	OF000887	1	N							
6/18/2021	OF000888	1	N							
6/18/2021	OF000890	1	N							
6/18/2021	OF000891	1	N							
6/18/2021	OF000893	1	N							
6/18/2021	OF000894	1	N							
6/18/2021	OF000896	1	N							
6/18/2021	OF000899	1	N							
6/18/2021	OF000902	1	N							
6/18/2021	OF000903	1	N							
6/18/2021	OF000904	1	N							
6/18/2021	OF000905	1	N							
6/18/2021	OF000906	1	N							
6/18/2021	OF000907	1	N							
4/19/2021	OF000923	1	N							

DATE	OUTFALL	TEST #	OBSERVED FLOW	CFS	WATER TEMP F	pH	PHENOLS	CHLORINE	DETERGENTS	COPPER
4/19/2021	OF000924	1	N							
4/19/2021	OF000926	1	N							
3/16/2021	OF000936	1	N							
3/16/2021	OF000943	1	N							
3/16/2021	OF000944	1	N							
3/16/2021	OF000947	1	N							
3/16/2021	OF000948	1	Y	0.0012	51.8	7.42	0	0	0.15	0
3/17/2021	OF000948	2	Y	0.0012	52.3	6.23	0	0	0.1	0
3/16/2021	OF000949	1	N							
6/28/2021	OF001136	1	N							
6/28/2021	OF001137	1	N							
6/28/2021	OF001169	1	N							
6/28/2021	OF002563	1	N							
4/6/2021	OF002579	1	N							
3/5/2021	OF002596	2	Y	0.0012	48.7	7.67	0	0	0.05	0
3/5/2021	OF002596	1	Y	0.0012	43.7	7.87	0	0	0.05	0
3/5/2021	OF002598	2	Y	0.0012	48.3	7.09	0	0	1	0
3/5/2021	OF002598	1	Y	0.0012	43.34	7.84	0	0	1	0
6/18/2021	OF002791	1	N							
6/18/2021	OF002792	1	N							
3/16/2021	OF002882	1	N							
3/16/2021	OF002883	1	N							
6/28/2021	OF002945	1	N							
3/16/2021	OF003509	1	N							

DATE	OUTFALL	TEST #	OBSERVED FLOW	CFS	WATER TEMP F	pH	PHENOLS	CHLORINE	DETERGENTS	COPPER
3/16/2021	OF003510	1	N							
3/16/2021	OF003511	1	N							
3/16/2021	OF003512	1	N							

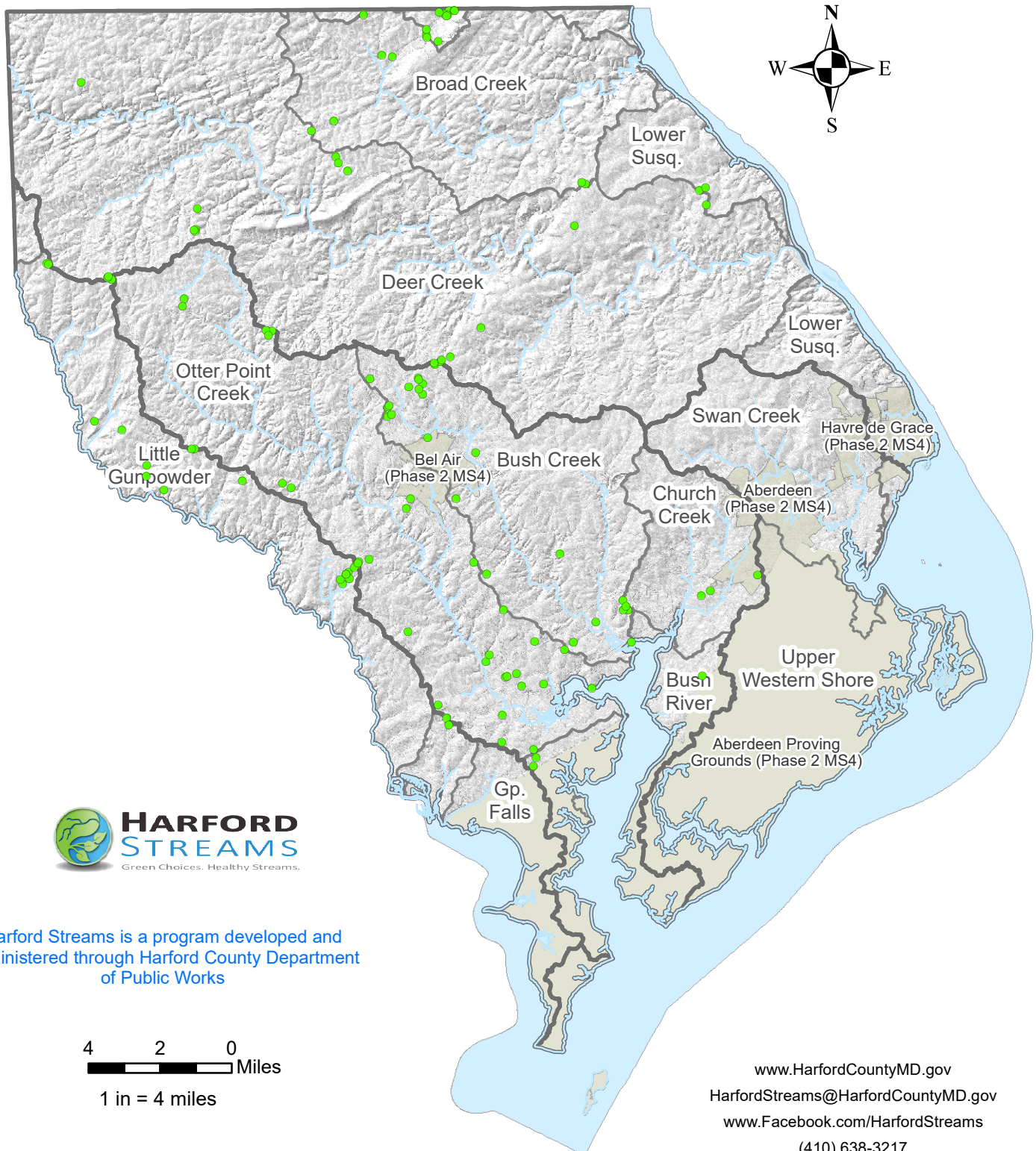
Appendix D3

Harford County, MD Department of Public Works Watershed Protection and Restoration

Active Hotspot Investigations (July 1, 2020 - June 30, 2021)



Barry Glassman
County Executive



NPDES Phase 1 MS4 Permit 11-DP-3310

Printed 12/2021

Harford County Department of Public Works

Hotspot Cases Active between July 1, 2020 and June 30, 2021



HotspotID	00240	Hurley's Golf Carts
TaxID	01018329	1114 Mountain Rd

CaseID 201600240 Opened 12/13/2016 Closed

CaseNotes Owner failed to comply; referred case to MDE for enforcement; MDE continued enforcement in 2021

Activity Date	Activity	Outcome
4/27/2021	MDE enforcement action	Remediation requested
1/6/2021	MDE enforcement action	Remediation requested
5/21/2020	Site visit	Referred to MDE
7/1/2019	Letter to property owner	Remediation requested
6/25/2019	Site visit	Remediation required
6/14/2019	Call to property owner	Follow up needed
6/26/2017	Letter to property owner	Remediation requested
6/16/2017	Site visit	Remediation required
12/13/2016	Random screening	Confirmed hotspot

HotspotID	00329	Advanced Granite Solutions
TaxID	01164686	2111 Emmorton Park Road

CaseID 201900329 Opened 1/25/2019 Closed 8/12/2020

CaseNotes No lids on dumpsters; Residue, granite dust, sediment discharging into stormdrain

Activity Date	Activity	Outcome
8/12/2020	Letter to property owner	Case closed
7/29/2020	Site visit	Remediation completed
6/29/2020	Call from property owner	Follow up needed
5/29/2020	Letter to property owner	Remediation requested
5/21/2020	Site visit	Remediation required
7/2/2019	Outfall screening	Follow up needed
4/4/2019	Letter to property owner	Case closed
4/3/2019	Site visit	Remediation completed
3/29/2019	Email from property owner	Follow up needed
3/26/2019	Random screening	Potential hotspot
2/27/2019	Call from property owner	Follow up needed

Harford County Department of Public Works

Hotspot Cases Active between July 1, 2020 and June 30, 2021



2/19/2019	Site visit	Follow up needed
1/25/2019	Letter to property owner	Remediation requested
12/18/2018	Site visit	Confirmed hotspot
12/14/2018	Citizen complaint	Follow up needed
HotspotID	00357	Basement Waterproofing Nationwide
TaxID	01032739	109 E Wheel Rd
CaseID	201900357	Opened 3/26/2019 Closed 9/14/2020
CaseNotes	outdoor liquid storage; leaking vehicle	
Activity Date	Activity	Outcome
9/14/2020	Letter to property owner	Provided education materials
3/26/2019	Random screening	Potential hotspot
HotspotID	00356	Edgewood Garage
TaxID	01018698	1909 Nuttall Ave
CaseID	201900356	Opened 4/9/2019 Closed 9/14/2020
CaseNotes	uncovered liquid storage; trench drains lead directly to stream	
Activity Date	Activity	Outcome
9/14/2020	Letter to property owner	Provided education materials
4/9/2019	Random screening	Potential hotspot
HotspotID	00358	Economy Tire and Service
TaxID	01037935	400 Edgewood Rd
CaseID	201900358	Opened 4/9/2019 Closed 9/14/2020
CaseNotes	dumpster lid missing	
Activity Date	Activity	Outcome
9/14/2020	Letter to property owner	Provided education materials
4/9/2019	Random screening	Potential hotspot

Harford County Department of Public Works

Hotspot Cases Active between July 1, 2020 and June 30, 2021



HotspotID	00363	7-11
TaxID	01089072	504 Edgewood Rd
CaseID	201900363	Opened 4/9/2019 Closed 9/14/2020
CaseNotes	poor waste management	
Activity Date	Activity	Outcome
9/14/2020	Letter to property owner	Provided education materials
4/9/2019	Random screening	Potential hotspot
HotspotID	00368	Carroll Fuel, et.al.
TaxID	01274422	4 Bel Air S Pkwy
CaseID	201900368	Opened 4/10/2019 Closed 9/14/2020
CaseNotes	waste management	
Activity Date	Activity	Outcome
9/14/2020	Letter to property owner	Provided education materials
4/10/2019	Random screening	Potential hotspot
HotspotID	00359	Mountain Branch Golf Course
TaxID	01038524	1827 Mountain Rd
CaseID	201900359	Opened 4/17/2019 Closed 9/14/2020
CaseNotes	waste management issues	
Activity Date	Activity	Outcome
9/14/2020	Letter to property owner	Provided education materials
4/17/2019	Random screening	Potential hotspot
HotspotID	00372	Wawa
TaxID	01386395	1419 Mountain Rd
CaseID	201900372	Opened 4/17/2019 Closed 9/14/2020
CaseNotes	waste management	
Activity Date	Activity	Outcome
9/14/2020	Letter to property owner	Provided education materials

Harford County Department of Public Works

Hotspot Cases Active between July 1, 2020 and June 30, 2021



4/17/2019	Random screening	Potential hotspot
HotspotID	00375	Fallston Village Shopping Center
TaxID	03061337	2315 Belair Rd
CaseID	201900375	Opened 4/17/2019 Closed 9/14/2020
CaseNotes	waste management	
Activity Date	Activity	Outcome
9/14/2020	Letter to property owner	Provided education materials
4/17/2019	Random screening	Potential hotspot
HotspotID	00360	7-11
TaxID	01061240	1402 Abingdon Rd
CaseID	201900360	Opened 4/18/2019 Closed 9/14/2020
CaseNotes	waste management issues	
Activity Date	Activity	Outcome
9/14/2020	Letter to property owner	Provided education materials
4/18/2019	Random screening	Potential hotspot
HotspotID	00361	Otter Point Marina
TaxID	01065920	616 Leight Rd
CaseID	201900361	Opened 4/18/2019 Closed 9/14/2020
CaseNotes	materials storage issues	
Activity Date	Activity	Outcome
9/14/2020	Letter to property owner	Provided education materials
4/18/2019	Random screening	Potential hotspot

Harford County Department of Public Works

Hotspot Cases Active between July 1, 2020 and June 30, 2021



HotspotID	00365	A&S
TaxID	01182536	1303 Governor Ct
CaseID	201900365	Opened 4/18/2019 Closed 9/14/2020
CaseNotes	uncovered storage	
Activity Date	Activity	Outcome
9/14/2020	Letter to property owner	Provided education materials
4/18/2019	Random screening	Potential hotspot
HotspotID	00367	Sunoco
TaxID	01252046	1319 Riverside Pkwy
CaseID	201900367	Opened 4/18/2019 Closed 9/14/2020
CaseNotes	uncovered materials storage	
Activity Date	Activity	Outcome
9/14/2020	Letter to property owner	Provided education materials
4/18/2019	Random screening	Potential hotspot
HotspotID	00369	7-11
TaxID	01332872	1345 James Way
CaseID	201900369	Opened 4/18/2019 Closed 9/14/2020
CaseNotes	waste management	
Activity Date	Activity	Outcome
9/14/2020	Letter to property owner	Provided education materials
4/18/2019	Random screening	Potential hotspot
HotspotID	00362	Buddy's Auto
TaxID	01074997	3711 Old Philadelphia Rd
CaseID	201900362	Opened 4/23/2019 Closed 9/14/2020
CaseNotes	abandoned vehicles; uncovered storage	
Activity Date	Activity	Outcome
9/14/2020	Letter to property owner	Provided education materials

Harford County Department of Public Works
Hotspot Cases Active between July 1, 2020 and June 30, 2021



4/23/2019	Random screening	Potential hotspot
HotspotID	00373	STTC
TaxID	02087499	823 Old Philadelphia Rd
CaseID	201900373	Opened 4/25/2019 Closed 9/14/2020
CaseNotes	material storage	
Activity Date	Activity	Outcome
9/14/2020	Letter to property owner	Provided education materials
4/25/2019	Random screening	Potential hotspot
HotspotID	00374	Rite Aid Distribution Center
TaxID	02097036	601 Chelsea Rd
CaseID	201900374	Opened 4/25/2019 Closed 9/14/2020
CaseNotes	landscaping issues	
Activity Date	Activity	Outcome
9/14/2020	Letter to property owner	Provided education materials
4/25/2019	Random screening	Potential hotspot
HotspotID	00376	High's
TaxID	04046668	4802 Rocks Rd
CaseID	201900376	Opened 4/25/2019 Closed 9/14/2020
CaseNotes	secondary containment	
Activity Date	Activity	Outcome
9/14/2020	Letter to property owner	Provided education materials
4/25/2019	Random screening	Potential hotspot

Harford County Department of Public Works

Hotspot Cases Active between July 1, 2020 and June 30, 2021



HotspotID	00377	JJ & Sons
TaxID	04053079	5174 Norrisville Rd

CaseID 201900377 Opened 4/25/2019 Closed 9/14/2020
CaseNotes materials storage, waste management

Activity Date	Activity	Outcome
9/14/2020	Letter to property owner	Provided education materials
4/25/2019	Random screening	Potential hotspot

HotspotID	00378	Don's Automotive
TaxID	04056442	4049 Federal Hill Rd

CaseID 201900378 Opened 4/25/2019 Closed 9/14/2020
CaseNotes waste management

Activity Date	Activity	Outcome
9/14/2020	Letter to property owner	Provided education materials
4/25/2019	Random screening	Potential hotspot

HotspotID	00379	High's
TaxID	04396805	4101 Norrisville Rd

CaseID 201900379 Opened 4/25/2019 Closed 9/14/2020
CaseNotes minor fuel leaks

Activity Date	Activity	Outcome
9/14/2020	Letter to property owner	Provided education materials
4/25/2019	Random screening	Potential hotspot

HotspotID	00380	Delta Lumber
TaxID	05013917	2501 Whiteford Rd

CaseID 201900380 Opened 4/25/2019 Closed 9/14/2020
CaseNotes waste management

Activity Date	Activity	Outcome
9/14/2020	Letter to property owner	Provided education materials

Harford County Department of Public Works

Hotspot Cases Active between July 1, 2020 and June 30, 2021



4/25/2019	Random screening	Potential hotspot
HotspotID	00364	GT Performance, et.al.
TaxID	01181912	2113 Columbia Park Rd
CaseID	201900364	Opened 5/8/2019 Closed 9/14/2020
CaseNotes	uncovered storage	
Activity Date	Activity	Outcome
9/14/2020	Letter to property owner	Provided education materials
5/8/2019	Random screening	Potential hotspot
HotspotID	00366	Sunoco
TaxID	01200496	1811 Edgewood Rd
CaseID	201900366	Opened 5/8/2019 Closed 9/14/2020
CaseNotes	uncovered storage; waste management	
Activity Date	Activity	Outcome
9/14/2020	Letter to property owner	Provided education materials
5/8/2019	Random screening	Potential hotspot
HotspotID	00370	Chick-fil-A
TaxID	01348965	408 Constant Friendship Blvd
CaseID	201900370	Opened 5/8/2019 Closed 9/14/2020
CaseNotes	waste management	
Activity Date	Activity	Outcome
9/14/2020	Letter to property owner	Provided education materials
5/8/2019	Random screening	Potential hotspot

Harford County Department of Public Works

Hotspot Cases Active between July 1, 2020 and June 30, 2021



HotspotID	00371	Lowes
TaxID	01365134	414 Constant Friendship Blvd
CaseID	201900371	Opened 5/8/2019 Closed 9/14/2020
CaseNotes	materials storage; waste management	
Activity Date	Activity	Outcome
9/14/2020	Letter to property owner	Provided education materials
5/8/2019	Random screening	Potential hotspot
HotspotID	00411	Johnson Motor Co.
TaxID	02079542	1421 S Philadelphia Rd
CaseID	202000411	Opened 2/11/2020 Closed 3/25/2021
CaseNotes	outdoor storage; vehicle storage	
Activity Date	Activity	Outcome
3/25/2021	Letter to property owner	Provided education materials
2/11/2020	Random screening	Potential hotspot
HotspotID	00383	MD Motor Cars, Bayview Maintenance
TaxID	02040751	1325 S Philadelphia Blvd
CaseID	202000383	Opened 2/12/2020 Closed 12/1/2020
CaseNotes	exterior vehicle washing, uncovered storage, waste management	
Activity Date	Activity	Outcome
12/1/2020	Letter to property owner	Case closed
11/17/2020	Site visit	Remediation completed
6/9/2020	Email from property owner	Follow up needed
4/30/2020	Letter to property owner	Remediation requested
2/25/2020	Letter to property owner	Remediation requested
2/12/2020	Random screening	Confirmed hotspot

Harford County Department of Public Works

Hotspot Cases Active between July 1, 2020 and June 30, 2021



HotspotID	00415	MD Concrete Foundation
TaxID	03038491	2240 Conowingo Rd
CaseID	202000415	Opened 2/27/2020 Closed 3/25/2021
CaseNotes	waste management; outdoor storage; fueling	
Activity Date	Activity	Outcome
3/25/2021	Letter to property owner	Provided education materials
2/27/2020	Random screening	Potential hotspot
HotspotID	00416	US1 Sales and Service
TaxID	03041220	2457 Conowingo Rd
CaseID	202000416	Opened 2/27/2020 Closed 3/25/2021
CaseNotes	outdoor storage; vehicle repair; vehicle storage	
Activity Date	Activity	Outcome
3/25/2021	Letter to property owner	Provided education materials
2/27/2020	Random screening	Potential hotspot
HotspotID	00418	Hickory International
TaxID	03047512	1704 Conowingo Rd
CaseID	202000418	Opened 2/27/2020 Closed 3/25/2021
CaseNotes	vehicle storage	
Activity Date	Activity	Outcome
3/25/2021	Letter to property owner	Provided education materials
2/27/2020	Random screening	Potential hotspot
HotspotID	00419	Bud's Car Wash
TaxID	03056732	2112 Conowingo Rd
CaseID	202000419	Opened 2/27/2020 Closed 3/25/2021
CaseNotes	outdoor storage	
Activity Date	Activity	Outcome
3/25/2021	Letter to property owner	Provided education materials

Harford County Department of Public Works

Hotspot Cases Active between July 1, 2020 and June 30, 2021



2/27/2020	Random screening	Potential hotspot
HotspotID	00385	Mr. Tire - Fallston
TaxID	03242641	2212 Belair Rd
CaseID	202000385	Opened 3/12/2020 Closed 12/1/2020
CaseNotes	fluid leaks, outdoor liquid storage and handling, waste management	
Activity Date	Activity	Outcome
12/1/2020	Letter to property owner	Case closed
11/17/2020	Site visit	Remediation completed
8/13/2020	Letter to property owner	Remediation requested
7/29/2020	Site visit	Remediation required
4/30/2020	Letter to property owner	Remediation requested
3/12/2020	Random screening	Confirmed hotspot
HotspotID	00412	Autowerkes
TaxID	03028399	1909 Belair Rd
CaseID	202000421	Opened 3/12/2020 Closed 3/25/2021
CaseNotes	outdoor storage; vehicle repair	
Activity Date	Activity	Outcome
3/25/2021	Letter to property owner	Provided education materials
4/22/2020	Random screening	Potential hotspot
HotspotID	00417	Autowerkes
TaxID	03045897	1817 Belair Rd
CaseID	202000417	Opened 3/12/2020 Closed 3/25/2021
CaseNotes	combined with Case_ID 202000412; outdoor storage; vehicle repair	
Activity Date	Activity	Outcome
3/25/2021	Letter to property owner	Provided education materials
3/12/2020	Random screening	Potential hotspot

Harford County Department of Public Works

Hotspot Cases Active between July 1, 2020 and June 30, 2021



HotspotID	00420	Plaza Ford
TaxID	03056902	1701 Belair Rd
CaseID	202000420	Opened 3/12/2020 Closed 3/25/2021
CaseNotes	vehicle repair; vehicle storage; outdoor storage	
Activity Date	Activity	Outcome
3/25/2021	Letter to property owner	Provided education materials
3/12/2020	Random screening	Potential hotspot
HotspotID	00422	Jones Kia
TaxID	03166147	2001 Belair Rd
CaseID	202000422	Opened 3/12/2020 Closed 3/25/2021
CaseNotes	waste management; outdoor storage; vehicle repair; vehicle storage	
Activity Date	Activity	Outcome
3/25/2021	Letter to property owner	Provided education materials
3/12/2020	Random screening	Potential hotspot
HotspotID	00414	Jiffy Lube
TaxID	03036014	106 North Tollgate Rd
CaseID	202000414	Opened 4/6/2020 Closed 3/25/2021
CaseNotes	outdoor storage	
Activity Date	Activity	Outcome
3/25/2021	Letter to property owner	Provided education materials
4/6/2020	Random screening	Potential hotspot
HotspotID	00423	Forest Hill Automotive
TaxID	03175693	6 Colgate Dr
CaseID	202000423	Opened 4/6/2020 Closed 3/25/2021
CaseNotes	outdoor storage; waste management	
Activity Date	Activity	Outcome
3/25/2021	Letter to property owner	Provided education materials

Harford County Department of Public Works

Hotspot Cases Active between July 1, 2020 and June 30, 2021



4/6/2020	Random screening	Potential hotspot
HotspotID	00424	Fallston Barrel House
TaxID	03179567	2405 Belair Rd
CaseID	202000424	Opened 4/6/2020 Closed 3/25/2021
CaseNotes	waste management; grease	
Activity Date	Activity	Outcome
3/25/2021	Letter to property owner	Provided education materials
4/6/2020	Random screening	Potential hotspot
HotspotID	00426	Plaza Mexico
TaxID	03216160	2314 Belair Rd
CaseID	202000426	Opened 4/6/2020 Closed 3/25/2021
CaseNotes	waste management	
Activity Date	Activity	Outcome
3/25/2021	Letter to property owner	Provided education materials
4/6/2020	Random screening	Potential hotspot
HotspotID	00429	Fallston Supply
TaxID	03355357	1654 Robin Cir
CaseID	202000429	Opened 4/6/2020 Closed 3/25/2021
CaseNotes	waste management; outdoor storage	
Activity Date	Activity	Outcome
3/25/2021	Letter to property owner	Provided education materials
4/6/2020	Random screening	Potential hotspot

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Hotspot Cases Active between July 1, 2020 and June 30, 2021



HotspotID	00433	Texas Roadhouse	
TaxID	03390551	2428 Belair Rd	
CaseID	202000433	Opened 4/6/2020	Closed 3/30/2021
CaseNotes	grease; waste managements		
Activity Date	Activity	Outcome	
3/23/2021	Letter to property owner	Provided education materials	
4/6/2020	Random screening	Potential hotspot	
HotspotID	00401	Zorba's Pizza	
TaxID	01017187	2000 Pulaski Hwy	
CaseID	202000401	Opened 4/10/2020	Closed 3/25/2021
CaseNotes	outdoor storage; waste management; grease		
Activity Date	Activity	Outcome	
3/25/2021	Letter to property owner	Provided education materials	
4/10/2020	Random screening	Potential hotspot	
HotspotID	00402	Elite Motors	
TaxID	01033875	1203 Old Mountain Rd South	
CaseID	202000402	Opened 4/10/2020	Closed 3/25/2021
CaseNotes	vehicle storage; vehicle repair; outdoor storage		
Activity Date	Activity	Outcome	
3/25/2021	Letter to property owner	Provided education materials	
4/10/2020	Random screening	Potential hotspot	
HotspotID	00404	Spencers Sand and Gravel	
TaxID	01089625	3314 Abingdon Rd	
CaseID	202000404	Opened 4/10/2020	Closed 3/25/2021
CaseNotes	outdoor storage; fueling		
Activity Date	Activity	Outcome	
3/25/2021	Letter to property owner	Provided education materials	

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Hotspot Cases Active between July 1, 2020 and June 30, 2021



4/10/2020	Random screening	Potential hotspot
HotspotID	00405	My Three Sons
TaxID	01095951	2510 Philadelphia Rd
CaseID	202000405	Opened 4/10/2020 Closed 3/25/2021
CaseNotes	grease; waste management	
Activity Date	Activity	Outcome
3/25/2021	Letter to property owner	Provided education materials
4/10/2020	Random screening	Potential hotspot
HotspotID	00410	DJ's Car Care
TaxID	01280481	4 Singer Rd
CaseID	202000410	Opened 4/10/2020 Closed 3/25/2021
CaseNotes	vehicle repair; outdoor storage; waste management	
Activity Date	Activity	Outcome
3/25/2021	Letter to property owner	Provided education materials
4/10/2020	Random screening	Potential hotspot
HotspotID	00413	Canby Motors
TaxID	03031500	806 Baltimore Pike
CaseID	202000413	Opened 4/10/2020 Closed 3/25/2021
CaseNotes	outdoor storage; waste management	
Activity Date	Activity	Outcome
3/25/2021	Letter to property owner	Provided education materials
4/10/2020	Random screening	Potential hotspot

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Hotspot Cases Active between July 1, 2020 and June 30, 2021



HotspotID	00431	Firestone
TaxID	03366227	608 Hoagie Dr
CaseID	202000431	Opened 4/10/2020 Closed 3/25/2021
CaseNotes	waste management; outdoor storage	
Activity Date	Activity	Outcome
3/25/2021	Letter to property owner	Provided education materials
4/10/2020	Random screening	Potential hotspot
HotspotID	00421	Del Plaza
TaxID	03069095	802 Conowingo Rd
CaseID	202000421	Opened 4/22/2020 Closed 3/25/2021
CaseNotes	waste management; grease	
Activity Date	Activity	Outcome
3/25/2021	Letter to property owner	Provided education materials
4/22/2020	Random screening	Potential hotspot
HotspotID	00425	Red Pump Shopping Center
TaxID	03183130	3-13 Red Pump Rd
CaseID	202000425	Opened 4/22/2020 Closed 3/25/2021
CaseNotes	waste management; grease	
Activity Date	Activity	Outcome
3/25/2021	Letter to property owner	Provided education materials
4/22/2020	Random screening	Potential hotspot
HotspotID	00427	Italian Sensation, et.al.
TaxID	03216179	2316 Belair Rd
CaseID	202000427	Opened 4/22/2020 Closed 3/25/2021
CaseNotes	grease; waste management	
Activity Date	Activity	Outcome
3/25/2021	Letter to property owner	Provided education materials

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Hotspot Cases Active between July 1, 2020 and June 30, 2021



4/22/2020	Random screening	Potential hotspot
HotspotID	00428	Greenbrier Shopping Center
TaxID	03329194	225 Brierhill Rd
CaseID	202000428	Opened 4/22/2020 Closed 3/25/2021
CaseNotes	grease; waste management	
Activity Date	Activity	Outcome
3/25/2021	Letter to property owner	Provided education materials
4/22/2020	Random screening	Potential hotspot
HotspotID	00430	Royal Farms
TaxID	03357325	1915 Belair Rd
CaseID	202000430	Opened 4/22/2020 Closed 3/25/2021
CaseNotes	vehicle fueling; waste management; grease	
Activity Date	Activity	Outcome
3/25/2021	Letter to property owner	Provided education materials
4/22/2020	Random screening	Potential hotspot
HotspotID	00403	Admiral Pools
TaxID	01089277	4305 Pulaski Hwy
CaseID	202000403	Opened 5/5/2020 Closed 3/25/2021
CaseNotes	waste management; outdoor storage	
Activity Date	Activity	Outcome
3/25/2021	Letter to property owner	Provided education materials
5/5/2020	Random screening	Potential hotspot

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Hotspot Cases Active between July 1, 2020 and June 30, 2021



HotspotID	00406	Bushmill Tavern	
TaxID	01245627	4015 Philadelphia Rd	
CaseID	202000406	Opened 5/5/2020	Closed 3/25/2021
CaseNotes	waste management; waste		
Activity Date	Activity	Outcome	
3/25/2021	Letter to property owner	Provided education materials	
5/5/2020	Random screening	Potential hotspot	
HotspotID	00407	Riverside Shopping Center	
TaxID	01252054	1321 Riverside Pkwy	
CaseID	202000407	Opened 5/5/2020	Closed 3/25/2021
CaseNotes	grease; waste management		
Activity Date	Activity	Outcome	
3/25/2021	Letter to property owner	Provided education materials	
5/5/2020	Random screening	Potential hotspot	
HotspotID	00408	Phillips 66; Picozzi Pizza	
TaxID	01260588	1712 Hanson Rd	
CaseID	202000408	Opened 5/5/2020	Closed 3/25/2021
CaseNotes	waste management; grease; fueling		
Activity Date	Activity	Outcome	
3/25/2021	Letter to property owner	Provided education materials	
5/5/2020	Random screening	Potential hotspot	
HotspotID	00409	BP; Burger King	
TaxID	01279904	1325 Policy Dr	
CaseID	202000409	Opened 5/5/2020	Closed 3/25/2021
CaseNotes	vehicle fueling; waste management		
Activity Date	Activity	Outcome	
3/25/2021	Letter to property owner	Provided education materials	

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Hotspot Cases Active between July 1, 2020 and June 30, 2021



5/5/2020	Random screening	Potential hotspot
HotspotID	00434	Akehurst Landscaping
TaxID	03004007	602 Boulton St
CaseID	202100434	Opened 2/19/2021 Closed 3/26/2021
CaseNotes	uncovered salt stockpile	
Activity Date	Activity	Outcome
2/26/2021	Site visit	Remediation completed
2/23/2021	Site visit	Follow up needed
2/19/2021	Call to property owner	Remediation requested
2/19/2021	Site visit	Confirmed hotspot
HotspotID	00452	High's Darlington
TaxID	05016436	1230 Main St
CaseID	202100452	Opened 3/29/2021 Closed 3/29/2021
CaseNotes		
Activity Date	Activity	Outcome
3/29/2021	Random screening	Not a hotspot
HotspotID	00455	Dublin Market
TaxID	05027985	3269 Dublin Rd
CaseID	202100455	Opened 3/29/2021 Closed 3/29/2021
CaseNotes		
Activity Date	Activity	Outcome
3/29/2021	Random screening	Not a hotspot

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Hotspot Cases Active between July 1, 2020 and June 30, 2021



HotspotID	00456	Mr. Y's Pizza
TaxID	05031338	4202 Conowingo Rd
CaselD	202100456	Opened 3/29/2021 Closed 3/29/2021
CaseNotes		
Activity Date	Activity	Outcome
3/29/2021	Random screening	Not a hotspot
HotspotID	00462	Too Tuff To Buff
TaxID	03053458	2210 Conowingo Rd
CaselD	202100432	Opened 3/29/2021 Closed
CaseNotes	vehicle washing	
Activity Date	Activity	Outcome
3/29/2021	Random screening	Potential hotspot
HotspotID	00463	C&C Golf Carts
TaxID	03054896	2214 Conowingo Rd
CaselD	202100463	Opened 3/29/2021 Closed
CaseNotes	outdoor storage, vehicle storage	
Activity Date	Activity	Outcome
3/29/2021	Random screening	Potential hotspot
HotspotID	00475	Cheaspeake Harley Davidson
TaxID	05000912	4600 Thunder Ct
CaselD	202100475	Opened 3/29/2021 Closed
CaseNotes	waste management	
Activity Date	Activity	Outcome
3/29/2021	Random screening	Potential hotspot

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Hotspot Cases Active between July 1, 2020 and June 30, 2021



HotspotID	00483	Central Garage
TaxID	05034108	1118 Main St
CaselD	202100483	Opened 3/29/2021 Closed
CaseNotes	waste management, outdoor storage	
Activity Date	Activity	Outcome
3/29/2021	Random screening	Potential hotspot
HotspotID	00436	Tamberino's Restaurant
TaxID	03056724	2111 Conowingo Rd
CaselD	202100436	Opened 3/30/2021 Closed 3/30/2021
CaseNotes		
Activity Date	Activity	Outcome
3/30/2021	Random screening	Not a hotspot
HotspotID	00437	Chopstix, et. al.
TaxID	03064271	1523 Rock Spring Rd
CaselD	202100437	Opened 3/30/2021 Closed 3/30/2021
CaseNotes		
Activity Date	Activity	Outcome
3/30/2021	Random screening	Not a hotspot
HotspotID	00438	Dewey Donut Co. et. al.
TaxID	03385000	1521 Rock Spring Rd
CaselD	202100438	Opened 3/30/2021 Closed 3/30/2021
CaseNotes		
Activity Date	Activity	Outcome
3/30/2021	Random screening	Not a hotspot

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Hotspot Cases Active between July 1, 2020 and June 30, 2021



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HotspotID	00441	Black Forest Taphouse
TaxID	04021843	2410 Pleasantville Rd
CaselD	202100441	Opened 3/30/2021 Closed 3/30/2021
CaseNotes		
Activity Date	Activity	Outcome
3/30/2021	Random screening	Not a hotspot
HotspotID	00443	Vince's Crab House
TaxID	04036301	2108 Fallston Rd
CaselD	202100443	Opened 3/30/2021 Closed 3/30/2021
CaseNotes		
Activity Date	Activity	Outcome
3/30/2021	Random screening	Not a hotspot
HotspotID	00459	Rock Spring Center
TaxID	03027406	1403 Rock Spring Rd
CaselD	202100459	Opened 3/30/2021 Closed
CaseNotes	waste management	
Activity Date	Activity	Outcome
3/30/2021	Random screening	Potential hotspot
HotspotID	00460	The Rink, et. al.
TaxID	03038440	1403 Conowingo Rd
CaselD	202100460	Opened 3/30/2021 Closed
CaseNotes	waste management	
Activity Date	Activity	Outcome
3/30/2021	Random screening	Potential hotspot

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Hotspot Cases Active between July 1, 2020 and June 30, 2021



HotspotID	00461	Thompson's Moving and Storage
TaxID	03047555	1702 Conowingo Rd
CaselD	202100461	Opened 3/30/2021 Closed
CaseNotes	waste management	
Activity Date	Activity	Outcome
3/30/2021	Random screening	Potential hotspot
HotspotID	00464	7-11
TaxID	03335666	1520 Conowingo Rd
CaselD	202100464	Opened 3/30/2021 Closed
CaseNotes	waste management	
Activity Date	Activity	Outcome
3/30/2021	Random screening	Potential hotspot
HotspotID	00469	Acappella
TaxID	04041984	2402 Pleasantville Rd
CaselD	202100469	Opened 3/30/2021 Closed
CaseNotes	waste management	
Activity Date	Activity	Outcome
3/30/2021	Random screening	Potential hotspot
HotspotID	00482	Ballpark Restaurant
TaxID	05025915	3420 Conowingo Rd
CaselD	202100482	Opened 3/30/2021 Closed
CaseNotes	waste management	
Activity Date	Activity	Outcome
3/30/2021	Random screening	Potential hotspot

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Hotspot Cases Active between July 1, 2020 and June 30, 2021



HotspotID	00454	Green Marble Recycling
TaxID	05025524	4610 Green Marble Rd
CaselD	202100454	Opened 4/8/2021 Closed 4/8/2021
CaseNotes		
Activity Date	Activity	Outcome
4/8/2021	Random screening	Not a hotspot
HotspotID	00457	Slate Ridge Village Center
TaxID	05036135	1606 Dooley Rd
CaselD	202100457	Opened 4/8/2021 Closed 4/8/2021
CaseNotes		
Activity Date	Activity	Outcome
4/8/2021	Random screening	Not a hotspot
HotspotID	00458	Penn-Mar Plaza
TaxID	05048567	2424 Whiteford Rd
CaselD	202100458	Opened 4/8/2021 Closed 4/8/2021
CaseNotes		
Activity Date	Activity	Outcome
4/8/2021	Random screening	Not a hotspot
HotspotID	00473	Crossroads Station
TaxID	04083466	2719 Fallston Rd
CaselD	202100473	Opened 4/8/2021 Closed
CaseNotes	waste management	
Activity Date	Activity	Outcome
4/8/2021	Random screening	Potential hotspot

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Hotspot Cases Active between July 1, 2020 and June 30, 2021



HotspotID	00478	Elite Motor Sports
TaxID	05013976	4549 Church St
CaselD	202100478	Opened 4/8/2021 Closed
CaseNotes	waste management, outdoor storage	
Activity Date	Activity	Outcome
4/8/2021	Random screening	Potential hotspot
HotspotID	00479	George's Towing
TaxID	05016851	2325 Whiteford Rd
CaselD	202100479	Opened 4/8/2021 Closed
CaseNotes	outdoor storage, waste management	
Activity Date	Activity	Outcome
4/8/2021	Random screening	Potential hotspot
HotspotID	00480	Heaps Oil
TaxID	05017831	4609 Green Marble Rd
CaselD	202100480	Opened 4/8/2021 Closed
CaseNotes	vehicle storage	
Activity Date	Activity	Outcome
4/8/2021	Random screening	Potential hotspot
HotspotID	00481	Omega
TaxID	05025885	2737 Whiteford Rd
CaselD	202100481	Opened 4/8/2021 Closed
CaseNotes	outdoor storage	
Activity Date	Activity	Outcome
4/8/2021	Random screening	Potential hotspot

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Hotspot Cases Active between July 1, 2020 and June 30, 2021



HotspotID	00484	Cardiff Auto Repair
TaxID	05043212	1701 Main St
CaselD	202100484	Opened 4/8/2021 Closed
CaseNotes	outdoor storage, vehicle storage	
Activity Date	Activity	Outcome
4/8/2021	Random screening	Potential hotspot
HotspotID	00440	Dollar General
TaxID	04013611	4064 Norrisville Rd
CaselD	202100440	Opened 4/12/2021 Closed 4/12/2021
CaseNotes		
Activity Date	Activity	Outcome
4/12/2021	Random screening	Not a hotspot
HotspotID	00444	Madonna Center
TaxID	04041534	4105 Norrisville Rd
CaselD	202100444	Opened 4/12/2021 Closed 4/12/2021
CaseNotes		
Activity Date	Activity	Outcome
4/12/2021	Random screening	Not a hotspot
HotspotID	00446	AmeriGas
TaxID	04043960	4354 Norrisville Rd
CaselD	202100446	Opened 4/12/2021 Closed 4/12/2021
CaseNotes	along with Tax ID 04043987	
Activity Date	Activity	Outcome
4/12/2021	Random screening	Not a hotspot

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HotspotID	00448	Duffy's Garage
TaxID	04071344	2500 Greene Rd
CaselD	202100448	Opened 4/12/2021 Closed 4/12/2021
CaseNotes		
Activity Date	Activity	Outcome
4/12/2021	Random screening	Not a hotspot
HotspotID	00450	Fallston Food Market
TaxID	04075005	2419 Baldwin Mill Rd
CaselD	202100450	Opened 4/12/2021 Closed 4/12/2021
CaseNotes		
Activity Date	Activity	Outcome
4/12/2021	Random screening	Not a hotspot
HotspotID	00465	Savory Deli
TaxID	04000978	2901 Fallston Rd
CaselD	202100465	Opened 4/12/2021 Closed
CaseNotes	waste management	
Activity Date	Activity	Outcome
4/12/2021	Random screening	Potential hotspot
HotspotID	00466	Hemphill's Garden Center
TaxID	04019415	2212 Fallston Rd
CaselD	202100466	Opened 4/12/2021 Closed
CaseNotes	outdoor storage	
Activity Date	Activity	Outcome
4/12/2021	Random screening	Potential hotspot

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Hotspot Cases Active between July 1, 2020 and June 30, 2021



HotspotID	00470	Royal Farms
TaxID	04043081	3209 Jarrettsville Pike
CaselD	202100470	Opened 4/12/2021 Closed
CaseNotes	waste management	
Activity Date	Activity	Outcome
4/12/2021	Random screening	Potential hotspot
HotspotID	00471	Griffith Brothers Landscaping
TaxID	04061888	3004 Fallston Rd
CaselD	202100471	Opened 4/12/2021 Closed
CaseNotes	waste management	
Activity Date	Activity	Outcome
4/12/2021	Random screening	Potential hotspot
HotspotID	00439	Whiteford Septic Service et.al.
TaxID	04006720	4045 Federal Hill Rd
CaselD	202100439	Opened 4/26/2021 Closed 4/26/2021
CaseNotes	along with Tax ID 04006739	
Activity Date	Activity	Outcome
4/26/2021	Random screening	Not a hotspot
HotspotID	00442	Bel Air Waterproofing
TaxID	04029887	1356 Jarrettsville Rd
CaselD	202100442	Opened 4/26/2021 Closed 4/26/2021
CaseNotes		
Activity Date	Activity	Outcome
4/26/2021	Random screening	Not a hotspot

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Hotspot Cases Active between July 1, 2020 and June 30, 2021



HotspotID	00445	7-11 Jarrettsville et.al.
TaxID	04042174	1700 Jarrettsville Rd
CaselD	202100445	Opened 4/26/2021 Closed 4/26/2021
CaseNotes		
Activity Date	Activity	Outcome
4/26/2021	Random screening	Not a hotspot
HotspotID	00449	Subway et.al.
TaxID	04074777	1120 Baldwin Mill Rd
CaselD	202100449	Opened 4/26/2021 Closed 4/26/2021
CaseNotes		
Activity Date	Activity	Outcome
4/26/2021	Random screening	Not a hotspot
HotspotID	00451	Preston Professional Building
TaxID	04093070	4043 Federal Hill Rd
CaselD	202100451	Opened 4/26/2021 Closed 4/26/2021
CaseNotes	along with Tax ID 04100158	
Activity Date	Activity	Outcome
4/26/2021	Random screening	Not a hotspot
HotspotID	00467	Greene's Garage
TaxID	04025105	1341 Cooptown Rd
CaselD	202100467	Opened 4/26/2021 Closed
CaseNotes	outdoor storage	
Activity Date	Activity	Outcome
4/26/2021	Random screening	Potential hotspot

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HotspotID	00468	Kefauver's True Value
TaxID	04037103	1333 Jarrettsville Rd
CaselD	202100468	Opened 4/26/2021 Closed
CaseNotes	outdoor storage, waste management	
Activity Date	Activity	Outcome
4/26/2021	Random screening	Potential hotspot
HotspotID	00472	North Harford Auto
TaxID	04077970	4162 Old York Rd
CaselD	202100472	Opened 4/26/2021 Closed
CaseNotes	waste management	
Activity Date	Activity	Outcome
4/26/2021	Random screening	Potential hotspot
HotspotID	00447	Gene's Bar and Restaurant
TaxID	04053818	1368 Jarrettsville Rd
CaselD	202100447	Opened 5/6/2021 Closed 5/6/2021
CaseNotes		
Activity Date	Activity	Outcome
5/6/2021	Random screening	Not a hotspot
HotspotID	00453	Eats and Sweets
TaxID	05024552	305 Pylesville Rd
CaselD	202100453	Opened 5/6/2021 Closed 5/6/2021
CaseNotes		
Activity Date	Activity	Outcome
5/6/2021	Random screening	Not a hotspot

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Hotspot Cases Active between July 1, 2020 and June 30, 2021



HotspotID	00474	Foard's Parts Plus
TaxID	04090373	4135 Federal Hill Rd
CaselD	202100474	Opened 5/6/2021 Closed
CaseNotes	outdoor storage	
Activity Date	Activity	Outcome
5/6/2021	Random screening	Potential hotspot
HotspotID	00476	Geneva Farm Golf Club
TaxID	05009502	217 Davis Rd
CaselD	202100476	Opened 5/6/2021 Closed
CaseNotes	waste management	
Activity Date	Activity	Outcome
5/6/2021	Random screening	Potential hotspot
HotspotID	00477	Atlantic Tractor
TaxID	05012236	716 Wheeler School Rd
CaselD	202100477	Opened 5/6/2021 Closed
CaseNotes	vehicle storage; along with Tax ID 05012287	
Activity Date	Activity	Outcome
5/6/2021	Random screening	Potential hotspot
HotspotID	00485	The Mill
TaxID	05036518	2422 Whiteford Rd
CaselD	202100485	Opened 5/6/2021 Closed
CaseNotes	outdoor storage	
Activity Date	Activity	Outcome
5/13/2021	Random screening	Potential hotspot

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HotspotID	00486	Atlantic Tractor
TaxID	05043816	721 Wheel School Rd
CaseID	202100486	Opened 5/6/2021 Closed
CaseNotes	vehicle repair	
Activity Date	Activity	Outcome
5/6/2021	Random screening	Potential hotspot
HotspotID	00435	Bry's Landscaping
TaxID	01019546	917 Cedar La
CaseID	202100435	Opened 6/22/2021 Closed 7/22/2021
CaseNotes	Citizen report of discharge into stormdrain	
Activity Date	Activity	Outcome
6/22/2021	Call to property owner	Case closed
6/22/2021	Citizen complaint	Confirmed hotspot

Hotspot categories are based on Center for Watershed Protection Urban Stormwater Restoration Manual 11, Chapter 4
 Severe hotspot = Immediate enforcement action needed
 Confirmed hotspot = High potential for pollution
 Potential hotspot = Moderate potential for pollution
 Not a hotspot - Low potential for pollution



Green Choices ... Healthy Streams

Harford Streams is a program developed and administered through Harford County Department of Public Works

**HARFORD COUNTY
ILLICIT DISCHARGE
INSPECTION PROGRAM:
SUMMARY REPORT
MONITORING PERIOD
JULY 2020 – JUNE 2021**

Prepared for

Harford County
Department of Public Works
Watershed Protection and Restoration
212 South Bond Street
Bel Air, Maryland 21014

Prepared by

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FINAL: October 2021

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ACRONYMS

DO	Dissolved Oxygen
GIS	Geographic Information System
GPS	Global Positioning System
HSI	Hotspot Site Investigation
IDDE	Illicit Discharge Detection and Elimination
MS4	Municipal Separate Storm Sewer System
MDE	Maryland Department of the Environment
NA	Not Applicable
NAD	North American Datum
NPDES	National Pollutant Discharge Elimination System

ABBREVIATIONS AND UNITS OF MEASURE

Cl	Chlorine
cm	Centimeter
Cu	Copper
L	Liter
mg	Milligram
mS	Millisiemens
NTU	Nephelometric Turbidity Unit

1.0 INTRODUCTION

On an annual basis, Harford County conducts inspections of its Municipal Separate Storm Sewer System (MS4) outfalls and commercial and industrial facilities within its jurisdiction to detect discharges to the MS4 network from non-stormwater sources, and to identify pollution sources from activities on commercial and industrial parcels. Such inspections are a requirement of the County's National Pollutant Discharge Elimination System (NPDES) permit. The surveys reflect the County's ongoing commitment to the identification, isolation, and correction of illicit discharges to the MS4 network and upland polluting conditions that threaten the health of county waterways. The County conducts outfall screening during dry weather conditions to target flows that are specifically not associated with rain events. The County's NPDES permit requires that the County conduct at least 50 parcel surveys for pollution sources and screen at least 100 outfalls under its jurisdiction annually.

Dry weather discharges are defined as any non-stormwater flow in the MS4 which may arise from one or more of the following causes (Brown, Caraco, and Pitt 2004):

- Inadvertent connection of sewage and septic flows;
- Washwater flows, such as residential gray water (laundry) discharges; water from commercial car washes, fleet washing, or commercial laundries; and floor washing to shop drains;
- Liquid wastes such as oil, paint, and process water that enter the storm drain system;
- Tap (potable) water;
- Landscape irrigation; and
- Groundwater or spring water.

Illicit discharges are those dry weather flows that contain pollutants or pathogens. Water quality tests conducted on the flowing discharge are used to distinguish illicit discharges (sewage, septic flow, washwater, tap water additives, and wastes) from cleaner discharges such as groundwater.

During each annual reporting period, staff with Harford County's contractor, Versar, Inc. (Versar), conduct complete assessments for pre-selected outfalls during dry weather. The assessments include physical inspections of the outfalls and surrounding conditions, and chemical tests on the flowing discharges to characterize outfalls with possible illicit discharges and to identify discharges from other, natural sources, such as groundwater. Versar staff return to inspect and test discharge water from any outfall that had demonstrated flowing discharge during the first inspection. In most reporting years, Versar staff also conduct dry weather inspections of any outfalls reported to have flowing discharge conditions by County staff during routine outfall inspections during the period; in the 2020–2021 reporting year, the County did not request any additional inspections under this protocol. However, during the reporting year, the Harford County Watershed Protection and Restoration Department received two requests to investigate conditions

near the County MS4 infrastructure. In August 2020, the request concerned pooled water near an MS4 inlet that drained a portion of a residential area. In March 2021, the request regarded severe erosion near a group of outfalls of the MS4 network. Versar staff conducted the inspections on behalf of the County and reported the results to the County project manager. Versar staff did not identify a definitive source for the pooled water investigated in 2020. While conducting the investigation, the team determined that the pooled water was not hydrologically connected to the MS4; results of tests on the stagnant water indicated that the pooled water did not contain contaminants that would have presented a potential source of pollution to the MS4, even if overland flows during storm events created a temporary connection to an MS4 inlet. In the survey of the severe erosion in 2021, the test results from the special inspection of the area, which included inspecting and collecting samples from two outfalls, are included with the results from the routine outfall screening inspections in the Year 7 report.

To address potential upland sources of pollution that may contribute to decreased water quality in receiving streams, the County conducts inspections at parcels on which businesses engage in commercial or industrial activities. Parcels with commercial and industrial land uses are more likely than other parcel types to use or produce pollutants on the parcel and are more likely to have spills or leaks during routine business activities; thus, these parcels exhibit a high potential for illicit discharges to the MS4. Due to the concentrated potential for pollution from individual parcels, these types of facilities are termed "hotspots." Polluting contributions from hotspots may be a consequence of acute or cumulative input from conditions such as the following (Wright et al. 2005):

- Outdoor material storage (e.g., unprotected storage of pesticides, solvents, bulk materials, or hazardous materials);
- Vehicle operations (e.g., vehicle storage, outdoor maintenance, uncovered fueling operations);
- Uncovered storage of trash or presence of leaking dumpsters;
- Condition of the physical plant (e.g., connection of downspouts, poor condition of building(s), poor condition of pavement); and
- Inappropriate landscape management (e.g., inadequate or inappropriate turf management, presence of non-target irrigation), and condition of stormwater infrastructure (e.g., absence of stormwater controls, litter in gutters).

Each year, Versar field teams visit pre-selected commercial and industrial parcels to conduct visual surveys of storage practices, vehicle operations, physical plant condition, waste management, and landscape management practices to estimate the extent to which the conditions on the parcel demonstrate a pollution hotspot at the time of the survey. The field teams use a standard form to document the conditions and rank the level of pollution potential. If an acute or ongoing pollution problem is found and reported, staff from the County conduct a thorough second investigation of the conditions at the parcel to identify and initiate the necessary steps to eliminate the pollution source. Additional measures that the County may take to raise awareness of pollution include public outreach and education.

This report documents the field results for Harford County's 2020–2021 illicit discharge and commercial and industrial hotspot site inspection program. The following sections describe the site selection protocol for Illicit Discharge Detection and Elimination (IDDE) target outfalls and commercial and industrial facilities, field inspection methods, and results of field inspections. Complete results of the outfall screening portion of the program for the reporting year are provided in a Microsoft Access database that accompanies this draft report version for review; if necessary, the outfall data will be modified and submitted as final with the final report version.

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2.0 METHODS

2.1 OUTFALL SCREENING FOR ILLICIT DISCHARGE

2.1.1 Site Selection

Target outfalls for dry weather screening for illicit discharge in the 2020–2021 period derive from selections made early in the reporting year to prepare for field efforts. For the early selections, Versar staff use geographic information systems (GIS) tools to create a full set of candidate target outfalls sufficient to meet the annual quota of 100 successful screenings. The County approves the final selection of target outfalls before the initiation of the field screening.

The program also accommodates inspections that are triggered by two possible circumstances — outfalls that are reported to have flowing discharge conditions by County staff during routine outfall inspections or complaints submitted to the County agencies. If a County department receives a complaint that is relevant to the MS4, County staff with the Watershed Protection and Restoration department direct Versar teams to investigate the conditions as part of the annual screening process. Surveys triggered by either circumstance augment the list of target outfalls and are included in the tallies for the reporting year.

2.1.2 IDDE Field Screening Procedures

Versar staff develop several resources to facilitate field staff finding and identifying the correct target outfalls. Versar staff create a digital data set of the pre-selected target outfalls in preparation for outfall screening visits. Staff use this digital data set and other data to develop a map of each target outfall used by field staff to locate and confirm the target sites; other data may include aerial photography, stormwater infrastructure elements, streams, roads, and landmarks for context. Field staff use a combination of a Global Positioning System (GPS) device equipped with a digital copy of the County's stormwater infrastructure and printed maps of the target outfalls and relevant features to identify the County's stormwater facilities during the field surveys. Versar staff also create and print hard-copy forms for recording data during the field surveys (see Appendix B for examples of the field data forms). The forms are pre-populated with site-specific information to help field staff confirm the target site and to facilitate an efficient screening process at each site.

Versar staff screen outfalls after at least a 72-hour dry weather period (i.e., a period involving less than 0.10 inches of precipitation that would otherwise mask improper discharges), as required by the Dry Weather Screening Plan (Versar 2020). Dry weather screening includes the following activities for each site:

- Locating and confirming the outfall (if possible) using the map, digital materials, and GPS coordinates and recording the “field” coordinates of the outfall on-site if the actual location significantly differs from the target;
- Photographing the outfall;

- Inspecting the outfall and surrounding area for signs of damage, staining, vegetation growth, sedimentation, or erosion;
- Inspecting the outfall for physical evidence of dry weather flow;
- Performing on-site water chemistry tests on a sample of the discharge water if the outfall has a flowing discharge, and performing cursory source tracking of any discharge; and
- For any outfall that exhibits flowing discharge, re-inspecting and re-testing the same site within 4 to 24 hours, weather permitting.

Field teams chemically test dry weather discharge collected from outfalls using Chemetrics colorimetric field test kits. Staff measure water quality parameters such as dissolved oxygen, pH, turbidity, and specific conductivity with a YSI multiparameter sonde. Staff calibrate the YSI prior to performing field investigations per manufacturer guidance. Versar's (2020) Illicit Discharge Monitoring Program manual contains details on instrument operation instructions and calibration procedures.

At the end of each field day, Versar staff scan all hard-copy data sheets to the computer network server. Field staff also upload digital photograph files from the field cameras to Versar's server. Computer network support staff create backup copies of the files on the server daily, in accordance with Versar's corporate safe data policy.

2.1.3 Discharge Classification

The dry weather outfall monitoring program protocol includes water quality testing to determine detectable concentrations of the analytes chlorine, copper, phenols, and surfactants (detergents); these results, combined with the results of tests for other parameters, guide the field teams through identifying and classifying a potential illicit discharge. Source tracking and subsequent analyses can be used to further define the discharge. The presence of chlorine may indicate tap water leaking (e.g., from a broken supply pipe), release of water from a swimming pool, or sewage. The presence of chlorine and copper with low turbidity but no odor may be used to classify the discharge as tap water. The presence of surfactants, copper, and chlorine may be used to classify the discharge as washwater; however, these combined with other factors may suggest a different source. Discharges with no residual chlorine, and exhibiting low conductivity and turbidity, may be classified as groundwater infiltration.

Field crews classify the likelihood that an outfall discharge may be illicit by evaluating the combination of testing results that exceed defined thresholds for each sample. Crews compare the results of screening tests to the criteria presented in Table 2-1 to facilitate identifying the possible source of a suspected improper discharge or illicit connection. For the purposes of this report, discharges most likely to be illicit exceed thresholds for both residual chlorine and copper or surfactants, those likely to be illicit exceed for either chlorine or copper, and those less likely have exceeding levels for any other measured parameter.

Table 2-1. Analytes, non-chemical parameters, testing ranges, and action criteria for dry weather discharge screening in Harford County

Analyte	Effluent Type Indicated	Action Criterion	Minimum Detection Limit	Instrument Range	Kit or Probe
total chlorine (Cl)	industrial, drinking water, sewage,	$\geq 0.4 \text{ mg/L}^{(a)}$	0.4 mg/l	0 to 5 mg/l	color comparator
copper (Cu)	industrial	$> 0.05 \text{ mg/L}^{(a)}$	0.05 mg/l	0 to 10 mg/l	color comparator
phenols	dry cleaning	$> 0.05 \text{ mg/L}^{(a)}$	0.05 mg/l	0 to 12 mg/l	color comparator
turbidity	industrial, sewage, washwater	$\geq 1000 \text{ NTU}^{(b)}$	0 NTU	NA	sonde
surfactants (detergents)	sewage, washwater	$> 0.25 \text{ mg/L}$ (residential) ^(b)	0.15 mg/l	0.15 to 1 mg/l	single analyte meter
dissolved oxygen (DO)	sewage	NA	NA	NA	sonde
water temperature	sewage	$> 75.02 \text{ }^{\circ}\text{F}^{(c)}$	NA	NA	sonde
pH	industrial, washwater	≤ 5 (industrial) ^(b)	NA	0 to 14	sonde
conductivity	industrial	$> 2 \text{ mS/cm}$ (industrial) ^(b)	NA	NA	sonde
^(a) Exceedance criterion based on the test range of the field kit ^(b) Source: Brown et al. (2004) ^(c) Source: Baltimore County (2007) NA: Not Applicable					

2.2 COMMERCIAL AND INDUSTRIAL FACILITY INSPECTIONS

2.2.1 Facility Site Selection

Harford County staff determine the areas to be included for commercial and industrial facility inspections every year. In general, the selection process for the program includes a subset of possible land use categories to target those uses that are subjectively determined to have the highest pollution potential; the descriptions of the refined list are presented in Table 2-2. The County reviews the candidate parcels and approves the final set of targets. Versar staff create and print maps of individual target parcels which enable field teams to distinguish features on the aerial photographs and to sketch features of interest directly on the maps.

Table 2-2. Land use types used to select facilities for hotspot investigations	
Land Use Description	
Automobile sales or service establishment (towing)	
Gasoline service (includes associated convenience store)	
Consumer goods, other	
Scientific and technical services	
Manufacturing	
Warehouse and storage and distribution	
Truck and freight transportation services	
Machinery and heavy construction	
Special trade contractor (installation or repair services)	
Retail and industrial	
Other mixed uses	
Vacant (with building)	
Unimproved	
Outdoor storage for an adjacent property	

2.2.2 Commercial and Industrial Facility Field Inspections

Versar field teams conduct Hotspot Site Investigations (HSIs) at the target commercial and industrial parcels using methods set forth in Wright et al. (2005) and modified for Harford County. The field teams evaluate conditions in target parcels through a combination of observations from within the vehicle and while walking around the parcel. The teams note and photograph visible signs of any potential pollution problems and then complete the HSI field data sheets (see Appendix C). Prior to the inspection, when practical, staff announce themselves to property managers or employees and present the letter of introduction provided by the County for the surveys.

Field teams conduct HSIs using the inspection criteria on the HSI field data sheet as a guide. Versar staff notify the County soon after the inspections regarding the status of any parcel that exhibits obvious pollution problems during the site visits, as determined from guidelines defined on the field data sheets (i.e., hotspots that received a score signifying either confirmed or severe conditions).

Versar personnel complete HSI field data sheets for each target site and note conditions evident for storage, waste, buildings and grounds, and stormwater facilities. The form includes symbols that can be marked to indicate potential sources of pollution (circles) and observed polluting conditions (checkboxes). For each parcel, field teams tally the marked symbols for the

completed HSI form and use the results to rate the hotspot status of the parcel according to the following scale:

- Fewer than 5 filled circles and no boxes checked: Not a hotspot
- 5 to 10 filled circles and no boxes checked: Potential hotspot
- 10 to 15 filled circles or 1 box checked, or both: Confirmed hotspot
- More than 15 filled circles or 2 or more boxes checked, or both: Severe hotspot

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3.0 RESULTS

3.1 OUTFALL INSPECTIONS

3.1.1 Summary of Screening Results

Versar staff screened 109 MS4 outfalls during the 2020–2021 reporting period, from March to June 2021. In early March, the County responded to a complaint of severe erosion near a group of MS4 outfalls; during the inspection of the area, the Versar field team conducted surveys and collected samples from two outfalls. The majority of the screened outfalls had predominately residential land uses in their catchments; some of the outfalls drained commercial and industrial areas. Of the 109 outfalls screened, field teams found 11 outfalls that exhibited flowing discharges during the initial site inspections; the teams conducted on-site tests on samples of the discharge water. Field crews returned to evaluate conditions at the 11 outfalls as soon as it was feasible to do so, at least four hours after the initial visit. Table 3-1 presents a summary of the results of the County's IDDE dry weather outfall screening activities during the reporting year. A Microsoft Access database which has a record for every successfully screened outfall, and a record for every re-visit conducted during the 2020–2021 reporting year, accompanies this report. Appendix D contains a map showing the locations of the outfalls screened during the reporting period.

Table 3-1. Summary of Harford County dry weather IDDE outfall screening efforts during the 2020–2021 reporting year					
Watershed	Outfalls Visited and Screened	Outfalls Found Flowing on the Initial Visit	Outfalls with Discharge Less Likely to be Illicit	Outfalls with Discharge Moderately Likely to be Illicit	Outfalls with Discharge Most Likely to be Illicit
Atkisson Reservoir	44	3	0	0	0
Broad Creek	1	0	0	0	0
Bynum Run	7	2	1 (surfactants and conductivity)*	0	0
Conowingo Dam	3	0	0	0	0
Deer Creek	46	2	0	0	0
Little Gunpowder Falls	8	4	0	0	0
Total	109	11	1	0	0
*Note that the high conductivity likely skewed the result for surfactants to indicate an artificially high level.					

Field staff also performed a cursory source tracking of observed outfall discharges using data in the GPS device and maps of the storm drain infrastructure associated with each screened outfall. Despite conducting thorough surveys of the upland area in each case, the field teams did not identify a discrete source for any of the discharges. In all cases, the field teams presumed that the source of the flowing water was groundwater, due to the results of the surveys and chemical

tests (in one case, the discharge flow was predominantly caused by the releases from a sump pump).

Test results for one of the 11 outfalls that had flowing effluent on the first site visit exceeded the water quality thresholds for the measured parameters (see Table 2-1) during either the initial screening or the re-test. Outfall OF002598 indicated a low likelihood for illicit discharges, according to the program's protocol (Table 3-2), based on test results that indicated levels of surfactants and conductivity above the program's action criteria. Note that, in this case, the high conductivity level, which was due to road salt in the storm runoff, likely interfered with the test for surfactants; thus, the surfactant test result that indicated a level that exceeded the criterion was probably artificially high, but the field team could not confirm a more accurate test result at the time. Test results from other outfalls did not indicate a likelihood for illicit discharge during the reporting year.

Table 3-2. Initial and re-test field screening results for outfall discharges with a low likelihood for illicit connection				
Outfall ID	Date of Test	Test Description	Surfactants (mg/L)	Conductivity (mS/cm)
OF002598	3/5/2021	Initial	1	4.527
OF002598	3/5/2021	Re-test	1	4.581
Note: The code mg/L stands for milligrams per liter; mS/cm means millisiemens per centimeter. The high conductivity was due to road salt in the runoff. The field team did not observe suds in the samples. The team surmised that the test for surfactants may have been distorted by interference from chloride, and that the test results the indicated surfactant levels above the threshold were probably inaccurate.				

3.1.2 Outfalls Requiring Maintenance

Field teams assessed that eight outfalls surveyed during the reporting period required maintenance. The maintenance issues that require attention are listed in Table 3-3. Examples of conditions that are recommended for maintenance include excess accumulated sediment and vegetation, crushed pipe sections, rusted end components, and detached pipe segments.

Table 3-3. Maintenance problems identified during outfall screening during the 2020–2021 reporting year	
Outfall ID	Maintenance Issues
OF000880	A section of the pipe, approximately five feet from the outfall opening, has been decomposed by rust at the bottom. The flared end of the outfall is detached.
OF000882	The flared end of the outfall has been decomposed by rust.
OF000896	The pipe is partially obstructed by accumulated pine needles (the mass is approximately ten inches deep); remove debris to facilitate proper drainage. The area downstream of the outfall has moderate to severe erosion.
OF000902	The flared end of the outfall has been decomposed by rust.
OF000904	The pipe opening is partially obstructed by sediment, to a depth of approximately eight inches; remove sediment to facilitate proper drainage.
OF000907	The pipe has a crushed section. The ground around the top of the outfall is slumping.
OF000949	The outfall and some of its associated sections have become disconnected. Trees and litter are on top of the outfall and in the surrounding area.
OF001137	The pipe opening is partially obstructed by sediment and established vegetation; remove the material and create a receiving channel to facilitate proper drainage. There is stagnant water in the inlet up-network from the outfall.

3.2 COMMERCIAL AND INDUSTRIAL FACILITY INSPECTIONS

For the facility inspections in the 2020–2021 reporting year, Harford County staff requested a set of target parcels that had not been involved in screening in the past. Versar staff selected candidate parcels from areas generally in the northern half of the county, outside of the municipal areas of Aberdeen, Bel Air, and Havre de Grace, to be inspected for potential polluting influences on the MS4 network. Harford County staff approved the candidate list of parcels before the field screening began.

Versar field teams conducted inspections of industrial or commercial facilities between March 29 and May 6, 2021, to identify and qualify potential sources of pollution to the MS4 network. Teams inspected single parcels or clusters of parcels associated with one business (these are also referred to as "parcels," for simplicity) using the HSI guidelines noted above. Field assessments and subsequent data reviews determined that 23 of the 51 inspected parcels were likely not hotspots, based on conditions observed during the field surveys (Table 3-4). Twenty-eight parcels received sufficient marks to qualify as "potential" hotspots (Table 3-6). The field team did not assess that any parcel qualified as a confirmed or severe hotspot.

Tables 3-4 and 3-5 contain summaries of completed facility inspection results. Each table includes six general categories for aspects of business operations, property characteristics, and the presence and condition of stormwater conveyance or retention features. The categories are vehicle operations, outdoor materials, waste management, physical plant, turf/landscaping, and stormwater infrastructure. For each inspection record, an "X" in any of the six columns (shown to the left of the notes column) denotes a potential source of pollution or lack of adequate protection from pollution that was noted by the field teams during the surveys. Appendix C

contains a copy of the blank field sheets that the field teams used to record observations and tally results. Appendix E contains maps that show the locations of parcels inspected for the 2020–2021 reporting period and nearby sites that had been inspected in previous years.

Table 3-4. Inspection results for facilities found to be not a hotspot during the 2020–2021 reporting year

Parcel ID	Address	Town	Business Name	Inspected	Vehicle Operations	Outdoor Materials	Waste Management	Physical Plant	Turf/ Landscaping	Stormwater Infrastructure	Notes
03056724	2111 Conowingo Rd	Bel Air	Tamberino's restaurant	03/30/21			X	X		X	There is bagged trash by the back door.
03064271	1523 Rock Spring Rd	Forest Hill	Multiple; includes restaurant	03/30/21			X	X	X		
03385000	1521 Rock Spring Rd	Forest Hill	Multiple; includes restaurant	03/30/21		X	X	X		X	There are drums within the dumpster fencing that cannot be identified or investigated for contents.
04006720 and 04006739	4045 Federal Hill Rd	Jarrettsville	Multiple; includes septic service	04/26/21	X		X	X			
04013611	4064 Norrisville Rd	Jarrettsville	Dollar General	04/12/21			X	X			
04021843	2410 Pleasantville Rd	Fallston	Black Forest Taphouse	03/30/21			X	X		X	Recommend clearing the clogged inlet in the rear lot.
04029887	1356 Jarrettsville Rd	Forest Hill	Bel Air Waterproofing	04/26/21	X	X	X	X		X	
04036301	2108 Fallston Rd	Fallston	Multiple; includes restaurant	03/30/21			X	X		X	
04041534	4105 Norrisville Rd	White Hall	Multiple (Madonna Center)	04/12/21			X	X			

Table 3-4. Continued											
Parcel ID	Address	Town	Business Name	Inspected	Vehicle Operations	Outdoor Materials	Waste Management	Physical Plant	Turf/ Landscaping	Stormwater Infra-structure	Notes
04042174	1700 Jarrettsville Rd	Jarrettsville	Multiple; includes restaurant	04/26/21				X		X	There is a wet trail of light brown slurry with a sheen from the recycling dumpster area; there was also what appeared to be sand at the end of the trail furthest from the enclosure.
04043960 and 04043987	4354 Norrisville Rd	White Hall	Amerigas	04/12/21	X			X		X	
04053818	1368 Jarrettsville Rd	Forest Hill	Gene's Bar and Restaurant	05/06/21			X	X		X	
04071344	2500 Greene Rd	Baldwin	Duffy's Garage	04/12/21	X	X		X		X	
04074777	1120 Baldwin Mill Rd	Jarrettsville	Multiple; includes restaurant	04/26/21			X	X		X	
04075005	2419 Baldwin Mill Rd	Fallston	Fallston Food Market	04/12/21			X	X		X	
04093070 and 04100158	4043 Federal Hill Rd	Jarrettsville	Preston Professional Building (includes hauling service)	04/26/21	X			X		X	Mr. Preston said that he collects rainwater in the white cubes and uses it to wet down his gravel parking area. The downspouts' flexible ends may go to storm drains when they are not in the rain barrels.
05016436	1230 Main St	Darlington	High's (fuel and convenience store)	03/29/21	X			X			

Table 3-4. Continued											
Parcel ID	Address	Town	Business Name	Inspected	Vehicle Operations	Outdoor Materials	Waste Management	Physical Plant	Turf/ Landscaping	Stormwater Infra-structure	Notes
05024552	305 Pylesville Rd	Pylesville	Eats & Sweets	05/06/21			X	X		X	
05025524	4610 Green Marble Rd	Whiteford	Green Marble Recycling	04/08/21		X	X	X		X	
05027985	3269 Dublin Rd	Street	Dublin Market	03/29/21			X	X		X	The grease bin is partially covered with black grease and food chunks.
05031338	4202 Conowingo Rd	Darlington	Mr. Y's Pizza	03/29/21			X	X			
05036135	1606 Dooley Rd	Whiteford	Multiple (Slate Ridge Village Center)	04/08/21			X	X		X	
05048567	2424 Whiteford Rd	Whiteford	Multiple (Penn-Mar Plaza)	04/08/21		X	X	X		X	

Table 3-5. Inspection results for facilities found to be a potential hotspot during the 2020–2021 reporting year

Parcel ID	Address	Town	Business Name	Inspected	Vehicle Operations	Outdoor Materials	Waste Management	Physical Plant	Turf/ Landscaping	Stormwater Infrastructure	Notes
03027406	1403 Rock Spring Rd	Bel Air	Multiple (Rock Spring Center)	03/30/21		X	X	X		X	
03038440	1403 Conowingo Rd	Bel Air	Multiple (The Rink at Bel Air)	03/30/21			X	X			
03047555	1702 Conowingo Rd	Bel Air	Thompson's Moving	03/30/21	X	X	X	X		X	Recommend emptying the overloaded dumpsters.
03053458	2210 Conowingo Rd	Bel Air	Too Tuff To Buff	03/29/21	X			X		X	Recommend washing vehicles indoors. The vehicles are stored on this lot and adjacent (03054896); businesses are evaluated separately.
03054896	2214 Conowingo Rd	Bel Air	C&C golf carts	03/29/21	X	X	X	X		X	Recommend identifying the contents of drums or appropriately remove them, removing vehicles from the northeast corner of the parcel, and providing secondary containment for oil. Oil is stored under cover.
03335666	1520 Conowingo Rd	Bel Air	7-11 (fuel and convenience store)	03/30/21	X		X	X	X	X	

Table 3-6. (Continued)

Parcel ID	Address	Town	Business Name	Inspected	Vehicle Operations	Outdoor Materials	Waste Management	Physical Plant	Turf/ Landscaping	Stormwater Infra-structure	Notes
04000978	2801 Fallston Rd	Fallston	Savory Deli	04/12/21			X	X	X	X	
04019415	2212 Fallston Rd	Fallston	Hemphill's Garden	04/12/21	X	X	X	X		X	The mulch loading and storage area should have a line of berms to protect the stream from runoff. The owner could dispose of the material in the debris piles.
04025105	1341 Cooptown Rd	Forest Hill	Greene's Garage	04/26/21	X	X	X	X		X	There is a localized dark stain from an unknown source.
04037103	1333 Jarrettsville Rd	Forest Hill	Kefauver's True Value	04/26/21	X	X	X	X		X	Some grate inlets have flowing water. There is a Baltimore County SD manhole cover on the lot. The yard inlets (most dry) lead directly to a stream.
04041984	2402 Pleasantville Rd	Fallston	Acappella restaurant	03/30/21	X		X	X		X	Recommend setting the kitchen grease bin in a bermed enclosure to protect against grease spills migrating to the woods.
04043081	3209 Jarrettsville Pike	Monkton	Royal Farms; TDH Landscaping	04/12/21	X		X	X		X	
04061888	3004 Fallston Rd	Fallston	Griffith Brothers Landscaping	04/12/21	X	X	X	X		X	Recommend recycling old metal. It is good to see containment on fuel containers. The yard was generally organized and neat.

Table 3-5. (Continued)											
Parcel ID	Address	Town	Business Name	Inspected	Vehicle Operations	Outdoor Materials	Waste Management	Physical Plant	Turf/ Landscaping	Stormwater Infra-structure	Notes
04077970	4162 Old York Rd	Jarrettsville	North Harford Auto	04/26/21	X	X	X	X		X	Empty the roll-off dumpster, recycle the old metal, and label each container (paint and unknown).
04083466	2719 Fallston Rd	Fallston	Multiple (Crossroads Station)	04/08/21		X	X	X	X	X	The downspout is directly up-gradient of a kitchen grease bin (Basta Pasta); there is a grease slick on the water in the nearest down-gradient inlet (water may be backed up here).
04090373	4135 Federal Hill Rd	Jarrettsville	Foard's Parts Plus	05/06/21	X	X	X	X			The owner obviously cleared the lot before the inspection (he requested a delay).
05000912	4600 Thunder Ct	Darlington	Eisenhauer's Chesapeake Harley-Davidson	03/29/21	X		X	X			Recommend moving the Port-a-Pots away from the inlet. The business stores tires under cover.
05009502	217 Davis Rd	Street	Twin Silos restaurant and Geneva Farm Golf Club	05/06/21	X		X	X	X	X	The HSI team surveyed the areas in the vicinity of the restaurant and the clubhouse. Recommend setting a berm around the grease bin to segregate grease spills from outdoor washing runoff.
05012236 and 05012287	716 Wheeler School Rd	Whiteford	Atlantic Tractor (tractors)	05/06/21	X	X	X	X			
05013976	4549 Church St	Whiteford	Elite Motor Sports	04/08/21	X	X	X	X		X	There is tall grass in the fenced area with the old, stored vehicles and a drum stored under cover.

Table 3-5. (Continued)											
Parcel ID	Address	Town	Business Name	Inspected	Vehicle Operations	Outdoor Materials	Waste Management	Physical Plant	Turf/ Landscaping	Stormwater Infrastructure	Notes
05016851	2325 Whiteford Rd	Whiteford	George's Towing	04/08/21	X	X	X	X		X	The HSI team was escorted by an employee of the company; she noted comments on improvements for stored liquids and metal recycling opportunities.
05017831	4609 Green Marble Rd	Whiteford	Heaps Oil	04/08/21	X	X		X		X	This parcel includes an old pumping station. It is hard to discern which pumps are in use; one is covered, but all others are not.
05025885	2737 Whiteford Rd	Whiteford	Omega	04/08/21		X		X		X	Dispose of tires and old metal. Clean up the area near one drum with stains.
05025915	3420 Conowingo Rd	Street	Ballpark restaurant	03/30/21	X		X	X		X	
05034108	1118 Main St	Darlington	Multiple; includes auto repair	03/29/21	X	X		X		X	Recommend removing old car parts and used oil tanks.
05043212	1701 Main St	Whiteford	Cardiff Auto Repair	04/08/21	X	X		X		X	
05036518 and 05036526	2422 Whiteford Road	Whiteford	The Mill	05/06/21	X	X	X	X		X	Colored dust (possibly fertilizer) is mixed and loaded in the open; otherwise, stored under cover. One stain is found at an overturned drum. The fueling area has a gravel pit for spills.
05043816	721 Wheeler School Rd	Whiteford	Atlantic Tractor (garden tractors)	05/06/21	X	X	X	X			Waste oil is used as heating fuel on-site.

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4.0 CONCLUSIONS

During the 2020–2021 reporting year, Harford County successfully investigated 109 outfalls to comply with the Illicit Discharge Monitoring Program and meet NPDES permit requirements. Successful testing of the 11 outfalls with flowing discharge observed during the initial field investigations yielded one outfall with a low likelihood for illicit connection, and no outfalls with a moderate or high likelihood, based on the dry weather screening protocols. Source tracking did not identify a potential pollution source for any of the outfalls with test results that indicated likely illicit connections. Inspectors identified maintenance needs at eight outfalls.

Harford County conducted hotspot investigations at 51 parcels with commercial and industrial business activities throughout the county. The field teams did not identify any confirmed or severe hotspots during the reporting period.

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5.0 REFERENCES

- Baltimore County. 2007. National Pollutant Discharge Elimination System (NPDES) Annual Report. Section 5 - Illicit Connections Program. Baltimore County, Maryland.
- Brown, E., D. Caraco, and R. Pitt. 2004. Illicit Discharge Detection and Elimination: A Guidance Manual for Program Development and Technical Assessments. Center for Watershed Protection, Ellicott City, MD. October.
- Versar, Inc. 2020. Harford County Illicit Discharge Monitoring Program: Site Selection, Screening, and Quality Assurance Protocols. Prepared by Versar, Inc. for Harford County Department of Public Works, Division of Highways and Water Resources, Bel Air, MD. December.
- Wright, T., C. Swann, K. Cappiella, and T. Schueler. 2005. Unified Subwatershed and Site Reconnaissance: A User's Manual, Version 2.0. Urban Subwatershed Restoration Manual Series. Center for Watershed Protection, Ellicott City, MD. February.

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APPENDIX A

**OUTFALLS SCREENED BY
VERSAR DURING THE 2020–2021 PERIOD**

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Table A-1. Outfalls successfully screened by Versar staff during the 2020–2021 reporting period, listed in order of initial screening date

Outfall ID	Initial Inspection Date	Coordinates		Outfall ID	Initial Inspection Date	Coordinates	
		(NAD83 State Plane feet)				(NAD83 State Plane feet)	
		Northing	Easting			Northing	Easting
OF002596	3/5/2021	655926.120	1519106.190	OF000692	3/11/2021	714985.280	1498679.630
OF002598	3/5/2021	655984.320	1519093.070	OF000698	3/11/2021	745049.170	1496174.530
OF000759	3/9/2021	716679.040	1451742.640	OF000825	3/11/2021	716198.360	1499469.470
OF000761	3/9/2021	717343.030	1453305.220	OF000826	3/11/2021	715803.340	1500394.650
OF000762	3/9/2021	716505.990	1453708.610	OF000754	3/12/2021	725724.780	1543123.590
OF000768	3/9/2021	714345.160	1452487.330	OF000755	3/12/2021	725480.370	1543219.600
OF000769	3/9/2021	713780.000	1452610.470	OF000756	3/12/2021	725450.690	1543214.360
OF000770	3/9/2021	713707.140	1452806.760	OF000498	3/16/2021	696303.220	1473719.740
OF000771	3/9/2021	714046.760	1453892.920	OF000936	3/16/2021	700358.030	1483374.080
OF000772	3/9/2021	713862.800	1454782.310	OF000943	3/16/2021	697421.190	1482016.260
OF000773	3/9/2021	714467.310	1454563.920	OF000944	3/16/2021	696614.820	1482398.860
OF000775	3/9/2021	715300.790	1454315.190	OF000947	3/16/2021	699859.980	1483698.890
OF000001	3/10/2021	717113.240	1464015.220	OF000948	3/16/2021	699817.760	1483859.220
OF000373a	3/10/2021	716608.150	1460267.270	OF000949	3/16/2021	699383.010	1484735.810
OF000373b	3/10/2021	716608.150	1460267.270	OF002882	3/16/2021	703918.223	1489717.822
OF000781	3/10/2021	717627.990	1458799.610	OF002883	3/16/2021	702391.181	1488464.884
OF000782	3/10/2021	717623.680	1458817.280	OF003509	3/16/2021	703460.007	1488166.275
OF000783	3/10/2021	717595.540	1460424.970	OF003510	3/16/2021	703472.229	1488194.053
OF000784	3/10/2021	716521.170	1460804.740	OF003511	3/16/2021	703073.384	1488160.109
OF000785	3/10/2021	716071.810	1460079.930	OF003512	3/16/2021	702384.523	1487384.973
OF000790	3/10/2021	718805.920	1464783.100	OF000708	4/6/2021	738310.810	1447211.100
OF000794	3/10/2021	718393.240	1464611.240	OF000709	4/6/2021	736777.770	1447301.240
OF000795	3/10/2021	717306.920	1463580.620	OF000710	4/6/2021	736608.730	1447781.630
OF000797	3/10/2021	716429.390	1464403.890	OF000711	4/6/2021	736567.780	1446286.460
OF000798	3/10/2021	715670.830	1459067.990	OF000712	4/6/2021	735898.050	1447168.860
OF000799	3/10/2021	715144.710	1459678.360	OF000858	4/6/2021	706094.400	1438038.250
OF000800	3/10/2021	714953.570	1459542.870	OF000859	4/6/2021	706050.260	1438124.830
OF000801	3/10/2021	713919.300	1459106.170	OF000860	4/6/2021	705310.900	1442865.520
OF000802	3/10/2021	713604.960	1460972.140	OF000862	4/6/2021	702768.440	1442300.340
OF000808	3/10/2021	716593.550	1464594.060	OF000863	4/6/2021	703901.570	1442406.230
OF000310	3/11/2021	714973.680	1497888.340	OF000864	4/6/2021	701248.070	1448911.580

Table A-1. Continued

Outfall ID	Initial Inspection Date	Coordinates		Outfall ID	Initial Inspection Date	Coordinates	
		(NAD83 State Plane feet)				(NAD83 State Plane feet)	
		Northing	Easting			Northing	Easting
OF000865	4/6/2021	700799.530	1448903.300	OF000899	6/18/2021	699954.900	1463991.430
OF000866	4/6/2021	700776.090	1448925.940	OF000902	6/18/2021	702563.830	1464812.440
OF000867	4/6/2021	701268.570	1450146.390	OF000903	6/18/2021	702237.140	1465666.290
OF002579	4/6/2021	708045.320	1452314.910	OF000904	6/18/2021	703196.070	1463195.840
OF000376	4/19/2021	706303.010	1457673.340	OF000905	6/18/2021	703273.240	1462724.560
OF000869	4/19/2021	701726.940	1451795.550	OF000906	6/18/2021	703178.060	1466295.280
OF000870	4/19/2021	701736.650	1451825.740	OF000907	6/18/2021	701562.980	1465083.200
OF000871	4/19/2021	702455.290	1451387.510	OF002791	6/18/2021	700746.540	1461789.380
OF000872	4/19/2021	701125.050	1452253.550	OF002792	6/18/2021	700073.170	1462299.690
OF000923	4/19/2021	705437.520	1457342.470	OF000630	6/28/2021	691310.980	1491303.040
OF000924	4/19/2021	705379.910	1457316.850	OF000669	6/28/2021	691429.300	1488177.880
OF000926	4/19/2021	705324.960	1457350.810	OF001136	6/28/2021	693924.980	1491635.490
OF000004	5/13/2021	697419.030	1454491.020	OF001137	6/28/2021	694150.630	1491837.020
OF000873	5/13/2021	700226.100	1452483.720	OF001169	6/28/2021	690750.130	1487448.490
OF000874	5/13/2021	700151.520	1452374.940	OF002563	6/28/2021	691923.330	1490839.150
OF000875	5/13/2021	700107.140	1452746.510	OF002945	6/28/2021	693623.180	1491774.530
OF000876	5/13/2021	700497.740	1453519.850				
OF000879	5/13/2021	699414.870	1452525.290				
OF000880	5/13/2021	699166.340	1453252.280				
OF000882	5/13/2021	697416.340	1455081.200				
OF000883	5/13/2021	697297.430	1455692.860				
OF000884	5/13/2021	697831.410	1455375.260				
OF000885	5/13/2021	699769.800	1453531.210				
OF000007	6/18/2021	702778.100	1465454.940				
OF000887	6/18/2021	706698.410	1462248.260				
OF000888	6/18/2021	706302.210	1462359.800				
OF000890	6/18/2021	705001.280	1463869.370				
OF000891	6/18/2021	704286.480	1464241.620				
OF000893	6/18/2021	704253.250	1462968.160				
OF000894	6/18/2021	705284.660	1463736.510				

APPENDIX B
DATA SHEETS
FOR DRY WEATHER SCREENING

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Harford County IDDE Outfall Survey Sheet

Outfall ID:	MDE North:	Test #: _____
Date:	Crew:	MDE East:
Time:	AM / PM	Found: Yes / No
Date of last rain > 0.1 inches:	Amount of last rain > 0.1 inches (Harford):	

Location Description Address: _____

Location Watershed (Harford): _____ (See Reference Sheet)

General Land Use (Harford): Rural / Residential / Urban

MDP Land Use Value Designation: _____ (See Reference Sheet)

Observed Flow? Yes / No

Complaint Driven? Yes / No

Was illicit discharge found? Yes / No (If No, include explanation in comments)

Source Code for Discharge: _____ (See Reference Sheet. If N, U, or OTH; include description in comments)

Outfall Type: _____ (See Reference Sheet)

Outfall Shape: Circular / Box / Elliptical / Arch / Other _____

Outfall Material: _____ (See Reference Sheet)

Outfall Size, in inches: Height: _____ **Width:** _____

Additional Components: Flared End / End Wall / Wing Walls / Concrete Deck / Pipes / Manhole

Structural Condition (Harford): Good / Moderate / Severe

Structural Condition: Cracking / Spalling / Normal / Other

Recommend Referral for Repair: Yes / No

Outfall Submerged? Yes / No

Depth of pipe submerged, in inches _____

Deposits: None / Oily / Sediment / Excessive Bacterial Growth (Harford) / Other

Vegetative Condition: Normal / Excessive / Inhibited

Erosion: None / Moderate / Severe

Algae Growth: Yes / No / Excessive (Harford)

INITIAL TEST **Outfall ID** _____ **Test #** _____

Estimated Flow Rate: Trickle / Moderate / Substantial **Only required if flow is present**

Measurable Flow Rate: _____ **Flow rate units:** CFS / LPM

Flow Velocity (ft/s): _____ **Flow Depth (inches):** _____

Color: Clear / Yellow / Brown / Green / Red / Grey / Other _____

Clarity: Clear / Opaque / Cloudy / Other _____

Floatables: None / Oil Sheen / Sewage / Trash / Toilet Paper (Harford) / Fecal Matter Harford) / Other _____

Evidence Detergents/Surfactants: None / Suds-Bubbles / Other _____

Odor: None / Sewage / Chlorine (Harford) / Sulfur / Oil or Gas / Rancid-Sour / Other _____

Chem Test Performed? Yes / No

Air Temp (°F)	Water Temp (°F)	pH	Residual Chlorine	Detergents	Phenols

Copper	Turbidity	Color	D.O.	Conductivity

Data sheet review initials: 1st 2nd

Photo IDs:

Comments:

FOLLOW-UP RETEST **Outfall ID** _____ **Test #** _____

DATE: _____ **TIME:** _____ **AM / PM**

Observed Flow: Yes / No

Only required if flow is present

Estimated Flow Rate: Trickle / Moderate / Substantial

Measurable Flow Rate: _____ **Flow rate units:** CFS / LPM

Flow Velocity (ft/s): _____ **Flow Depth (inches):** _____

Color: Clear / Yellow / Brown / Green / Red / Grey / Other _____

Clarity: Clear / Opaque / Cloudy / Other _____

Floatables: None / Oil Sheen / Sewage / Trash / Toilet Paper (Harford) / Fecal Matter (Harford) / Other _____

Evidence Detergents / Surfactants: None / Suds-Bubbles / Other _____

Odor: None / Sewage / Chlorine (Harford) / Sulfur / Oil or Gas / Rancid-Sour / Other _____

Chem Test Performed? Yes / No

Air Temp (°F)	Water Temp (°F)	pH	Residual Chlorine	Detergents	Phenols

Copper	Turbidity	Color	D.O.	Conductivity

Data sheet review initials: 1st _____ 2nd _____

Photo IDs:

Comments:

TRACKDOWN DIAGRAM

APPENDIX C
DATA SHEETS
FOR FACILITY INSPECTIONS

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Hotspot Site Investigation

HSI

WATERSHED:		SUBWATERSHED:		UNIQUE SITE ID:	
DATE: ____/____/____		ASSESSED BY:		CAMERA ID:	
MAP GRID:		LAT ____° ____' ____" LONG ____° ____' ____"		PIC#:	
				LMK #	
A. SITE DATA AND BASIC CLASSIFICATION					
Name and Address: _____		Category: <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Miscellaneous			
		<input type="checkbox"/> Institutional <input type="checkbox"/> Municipal <input type="checkbox"/> Golf Course			
		<input type="checkbox"/> Transport-Related <input type="checkbox"/> Marina <input type="checkbox"/> Animal Facility			
SIC code (if available): _____		Basic Description of Operation: _____			
NPDES Status: <input type="checkbox"/> Regulated <input type="checkbox"/> Unregulated <input type="checkbox"/> Unknown				INDEX*	
B. VEHICLE OPERATIONS <input type="checkbox"/> N/A (Skip to part C)				Observed Pollution Source? <input type="checkbox"/>	
B1. Types of vehicles: <input type="checkbox"/> Fleet vehicles <input type="checkbox"/> School buses <input type="checkbox"/> Other: _____					
B2. Approximate number of vehicles: _____					
B3. Vehicle activities (circle all that apply): Maintained <input type="checkbox"/> Repaired <input type="checkbox"/> Recycled <input type="checkbox"/> Fueled <input type="checkbox"/> Washed <input type="checkbox"/> Stored <input type="checkbox"/>					
B4. Are vehicles stored and/or repaired outside? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
Are these vehicles lacking runoff diversion methods? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
B5. Is there evidence of spills/leakage from vehicles? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
B6. Are uncovered outdoor fueling areas present? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
B7. Are fueling areas directly connected to storm drains? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
B8. Are vehicles washed outdoors? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
Does the area where vehicles are washed discharge to the storm drain? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
C. OUTDOOR MATERIALS <input type="checkbox"/> N/A (Skip to part D)				Observed Pollution Source? <input type="checkbox"/>	
C1. Are loading/unloading operations present? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
If yes, are they uncovered and draining towards a storm drain inlet? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
C2. Are materials stored outside? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell If yes, are they <input type="checkbox"/> Liquid <input type="checkbox"/> Solid Description: _____					
Where are they stored? <input type="checkbox"/> grass/dirt area <input type="checkbox"/> concrete/asphalt <input type="checkbox"/> bermed area					
C3. Is the storage area directly or indirectly connected to storm drain (circle one)? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
C4. Is staining or discoloration around the area visible? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
C5. Does outdoor storage area lack a cover? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
C6. Are liquid materials stored without secondary containment? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
C7. Are storage containers missing labels or in poor condition (rusting)? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
D. WASTE MANAGEMENT <input type="checkbox"/> N/A (Skip to part E)				Observed Pollution Source? <input type="checkbox"/>	
D1. Type of waste (check all that apply): <input type="checkbox"/> Garbage <input type="checkbox"/> Construction materials <input type="checkbox"/> Hazardous materials					
D2. Dumpster condition (check all that apply): <input type="checkbox"/> No cover/Lid is open <input type="checkbox"/> Damaged/poor condition <input type="checkbox"/> Leaking or evidence of leakage (stains on ground) <input type="checkbox"/> Overflowing					
D3. Is the dumpster located near a storm drain inlet? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
If yes, are runoff diversion methods (berms, curbs) lacking? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell					
E. PHYSICAL PLANT <input type="checkbox"/> N/A (Skip to part F)				Observed Pollution Source? <input type="checkbox"/>	
E1. Building: Approximate age: _____ yrs. Condition of surfaces: <input type="checkbox"/> Clean <input type="checkbox"/> Stained <input type="checkbox"/> Dirty <input type="checkbox"/> Damaged					
Evidence that maintenance results in discharge to storm drains (staining/discoloration)? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Don't know					

*Index: ○ denotes potential pollution source; ☐ denotes confirmed polluter (evidence was seen)

Hotspot Site Investigation

HSI

E2. Parking Lot: Approximate age ____ yrs. Condition: <input type="checkbox"/> Clean <input type="checkbox"/> Stained <input type="checkbox"/> Dirty <input type="checkbox"/> Breaking up Surface material <input type="checkbox"/> Paved/Concrete <input type="checkbox"/> Gravel <input type="checkbox"/> Permeable <input type="checkbox"/> Don't know		○
E3. Do downspouts discharge to impervious surface? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Don't know <input type="checkbox"/> None visible Are downspouts directly connected to storm drains? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Don't know		○
E4. Evidence of poor cleaning practices for construction activities (stains leading to storm drain)? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell		○
F. TURF/LANDSCAPING AREAS <input type="checkbox"/> N/A (skip to part G)		○
F1. % of site with: Forest canopy ____% Turf grass ____% Landscaping ____% Bare Soil ____%		○
F2. Rate the turf management status: <input type="checkbox"/> High <input type="checkbox"/> Medium <input type="checkbox"/> Low		○
F3. Evidence of permanent irrigation or "non-target" irrigation <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell		○
F4. Do landscaped areas drain to the storm drain system? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell		○
F5. Do landscape plants accumulate organic matter (leaves, grass clippings) on adjacent impervious surface? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can't Tell		○
G. STORM WATER INFRASTRUCTURE <input type="checkbox"/> N/A (skip to part H)		○
G1. Are storm water treatment practices present? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Unknown If yes, please describe: _____		○
G2. Are private storm drains located at the facility? <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Unknown Is trash present in gutters leading to storm drains? If so, complete the index below.		○
Index Rating for Accumulation in Gutters		
	Clean	Filthy
Sediment	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
Organic material	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
Litter	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5
G3. Catch basin inspection – Record SSD Unique Site ID here: _____ Condition: <input type="checkbox"/> Dirty <input type="checkbox"/> Clean		
H. INITIAL HOTSPOT STATUS - INDEX RESULTS		
<input type="checkbox"/> Not a hotspot (fewer than 5 circles and no boxes checked) <input type="checkbox"/> Potential hotspot (5 to 10 circles but no boxes checked) <input type="checkbox"/> Confirmed hotspot (10 to 15 circles and/or 1 box checked) <input type="checkbox"/> Severe hotspot (>15 circles and/or 2 or more boxes checked)		
Follow-up Action: <input type="checkbox"/> Refer for immediate enforcement <input type="checkbox"/> Suggest follow-up on-site inspection <input type="checkbox"/> Test for illicit discharge <input type="checkbox"/> Include in future education effort <input type="checkbox"/> Check to see if hotspot is an NPDES non-filer <input type="checkbox"/> Onsite non-residential retrofit <input type="checkbox"/> Pervious area restoration; complete PAA sheet and record Unique Site ID here: _____ <input type="checkbox"/> Schedule a review of storm water pollution prevention plan		
Notes:		

APPENDIX D

**MAP OF OUTFALLS SCREENED BY VERSAR
DURING THE 2020–2021 PERIOD**

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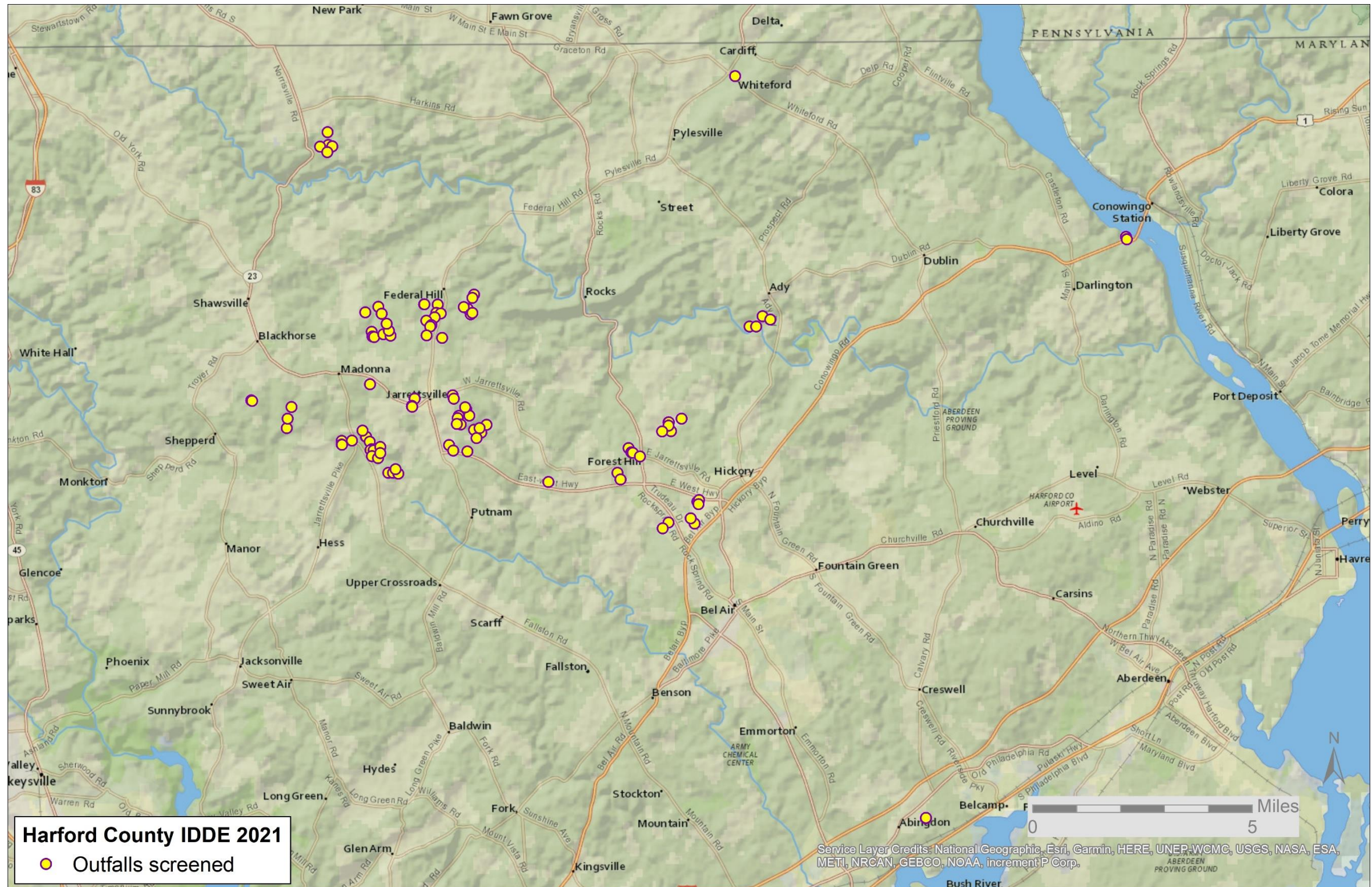


Figure D-1. Outfalls successfully screened during the 2020–2021 reporting year

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APPENDIX E

**MAPS OF FACILITY PARCELS INSPECTED
DURING THE 2020–2021 PERIOD**

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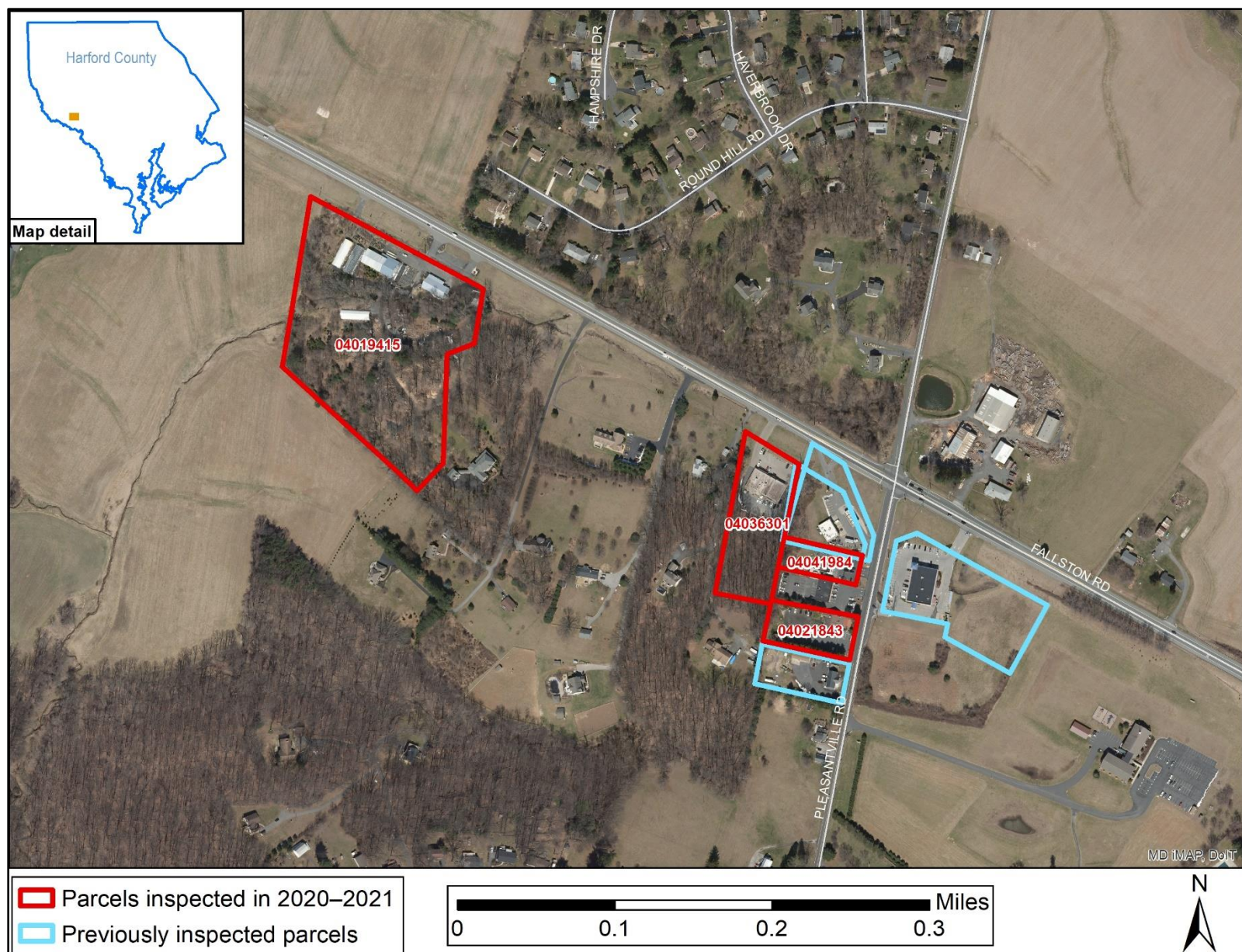


Figure E-1. HSI sites inspected in the Fallston area for the 2020–2021 reporting year

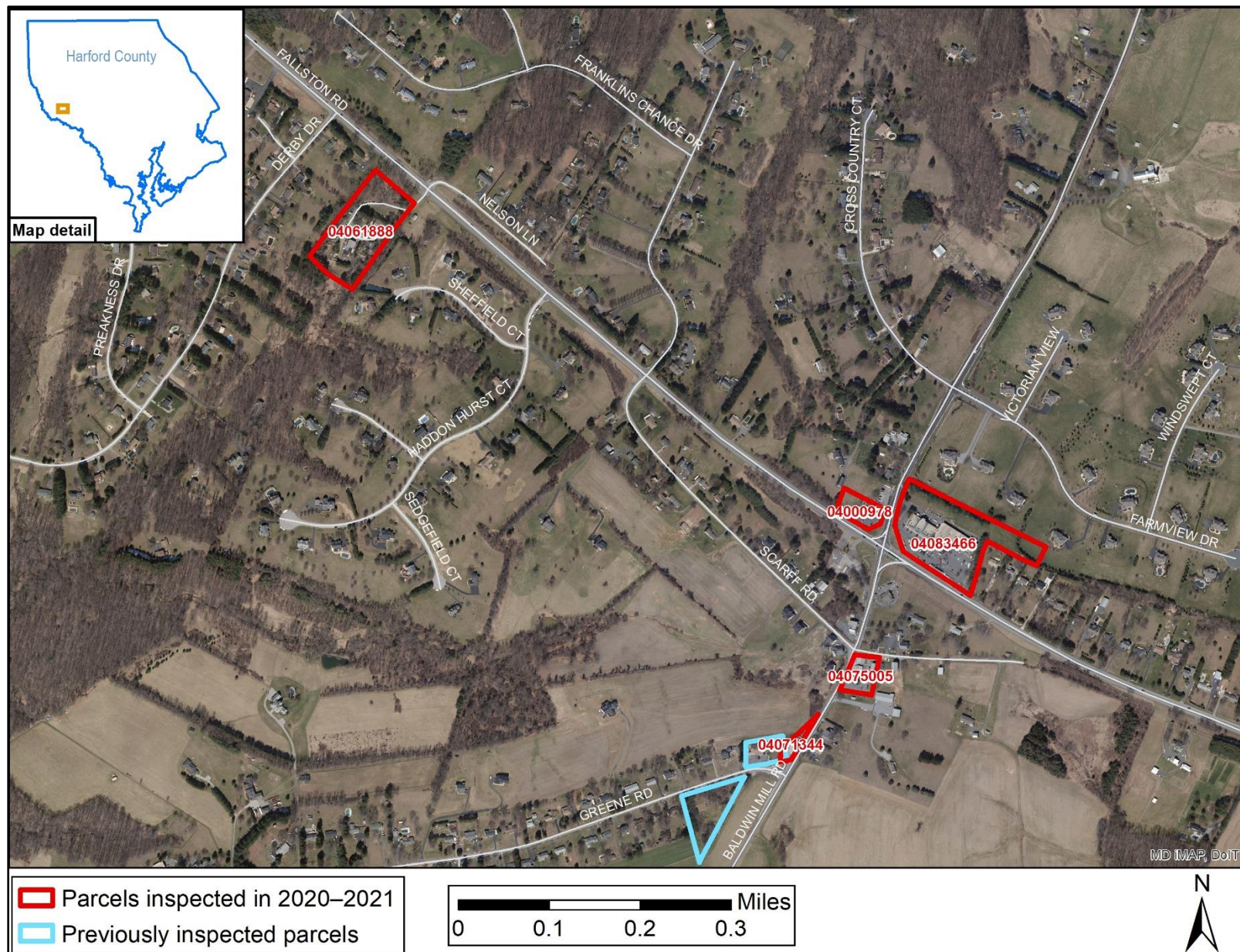


Figure E-2. HSI sites inspected in the Taylor-Fallston area for the 2020–2021 reporting year

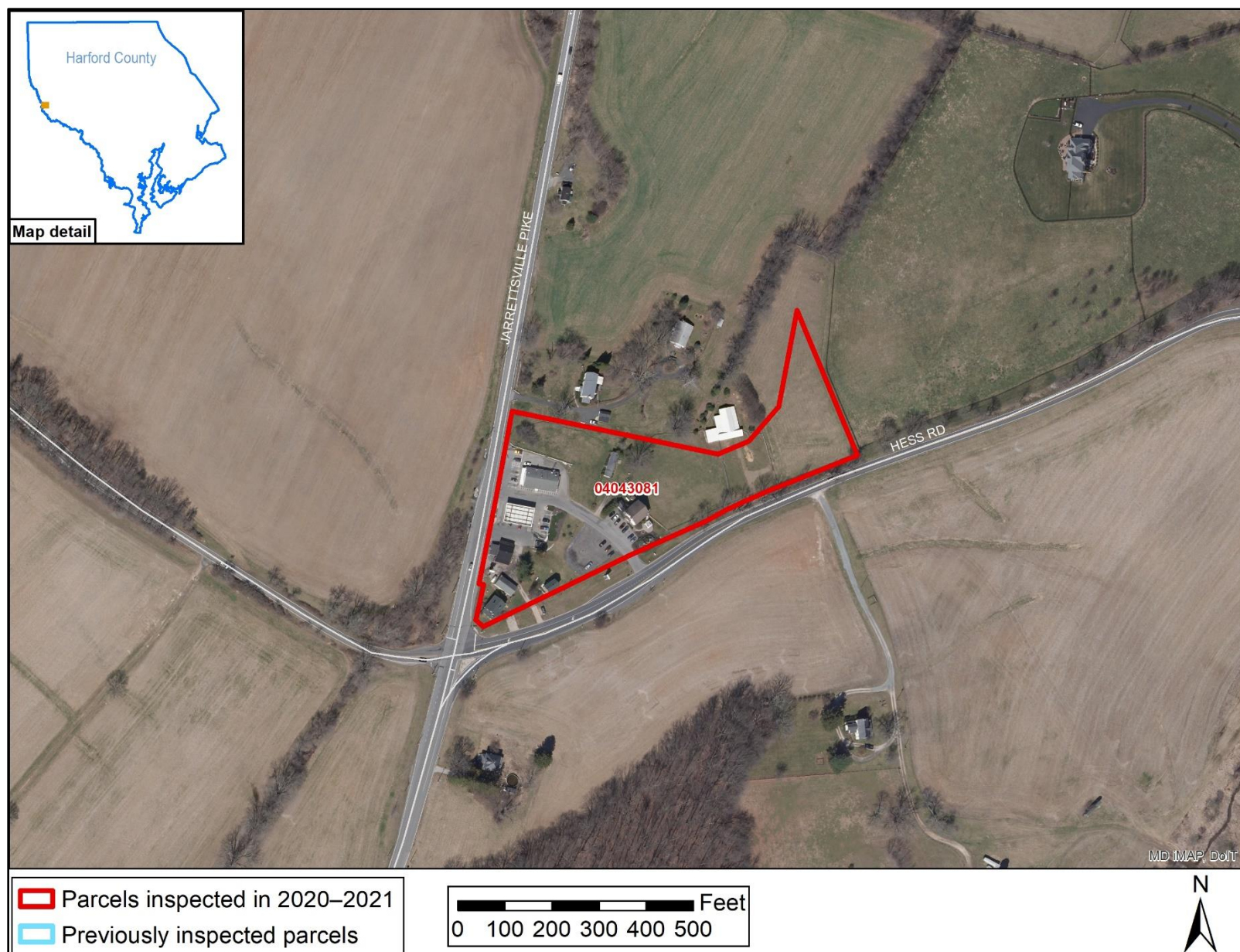


Figure E-3. An HSI site inspected in the Taylor area for the 2020–2021 reporting year

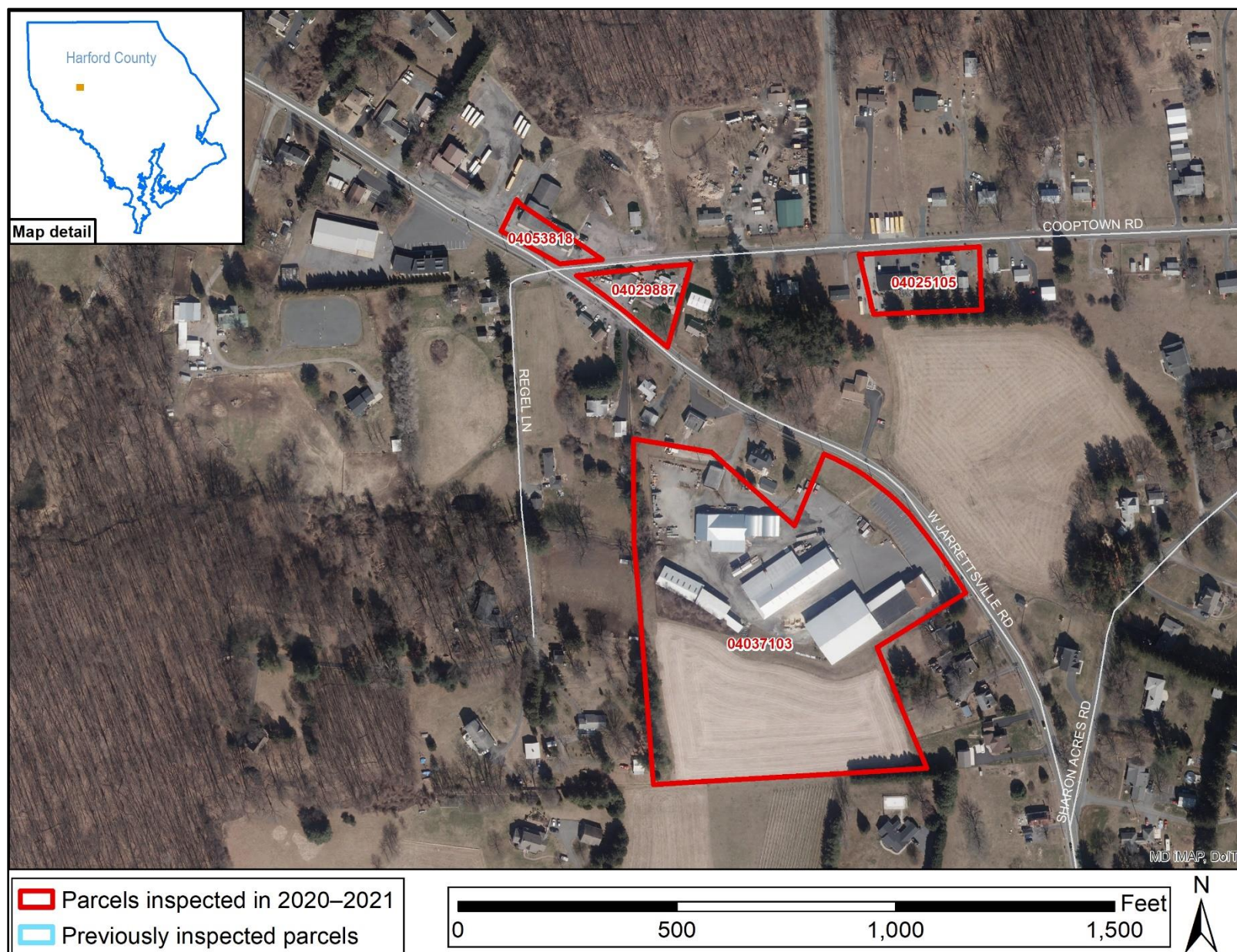


Figure E-4. HSI sites inspected in the Jarrettsville-Southeast area for the 2020–2021 reporting year

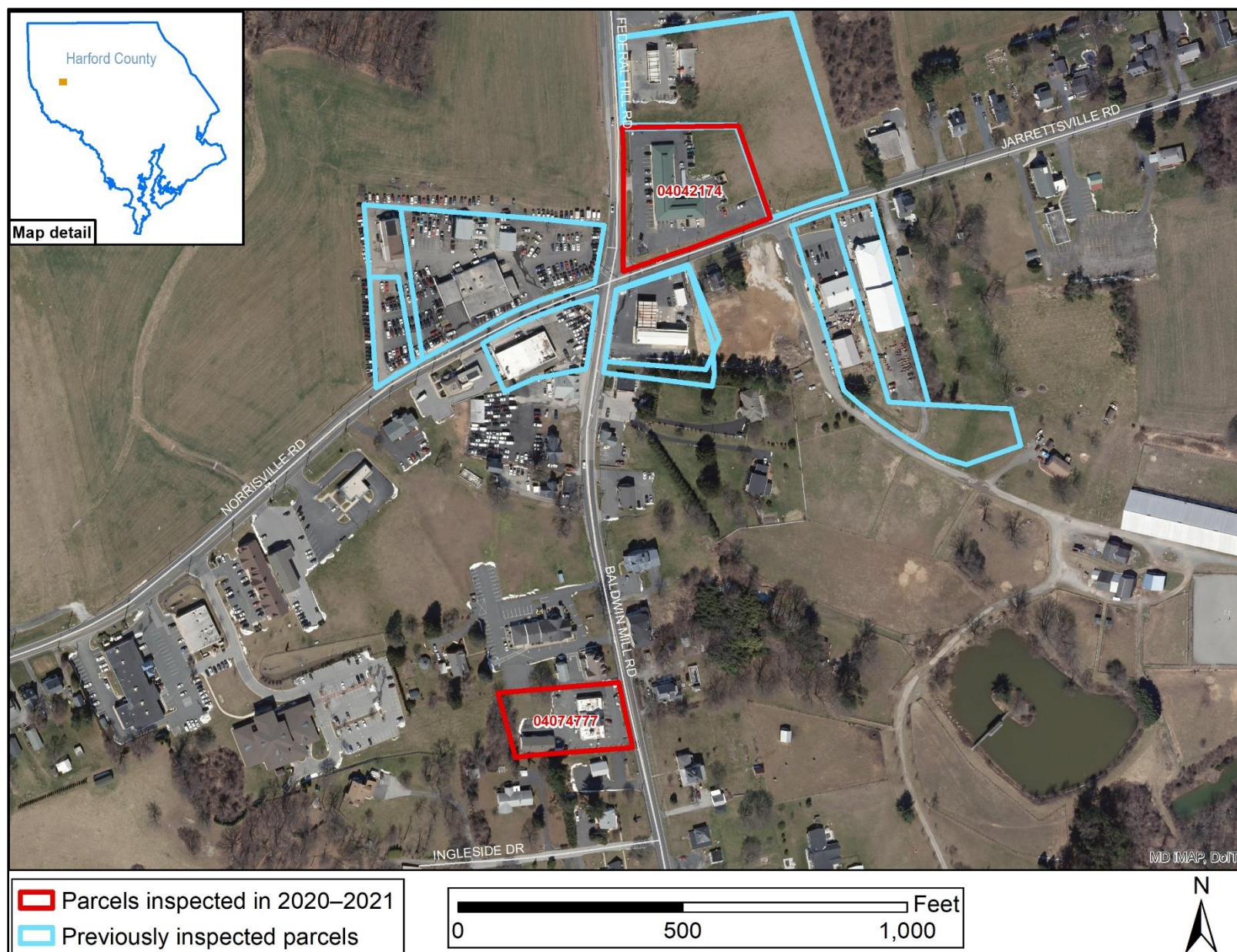


Figure E-5. HSI sites inspected in the Jarrettsville-Central area for the 2020-2021 reporting year

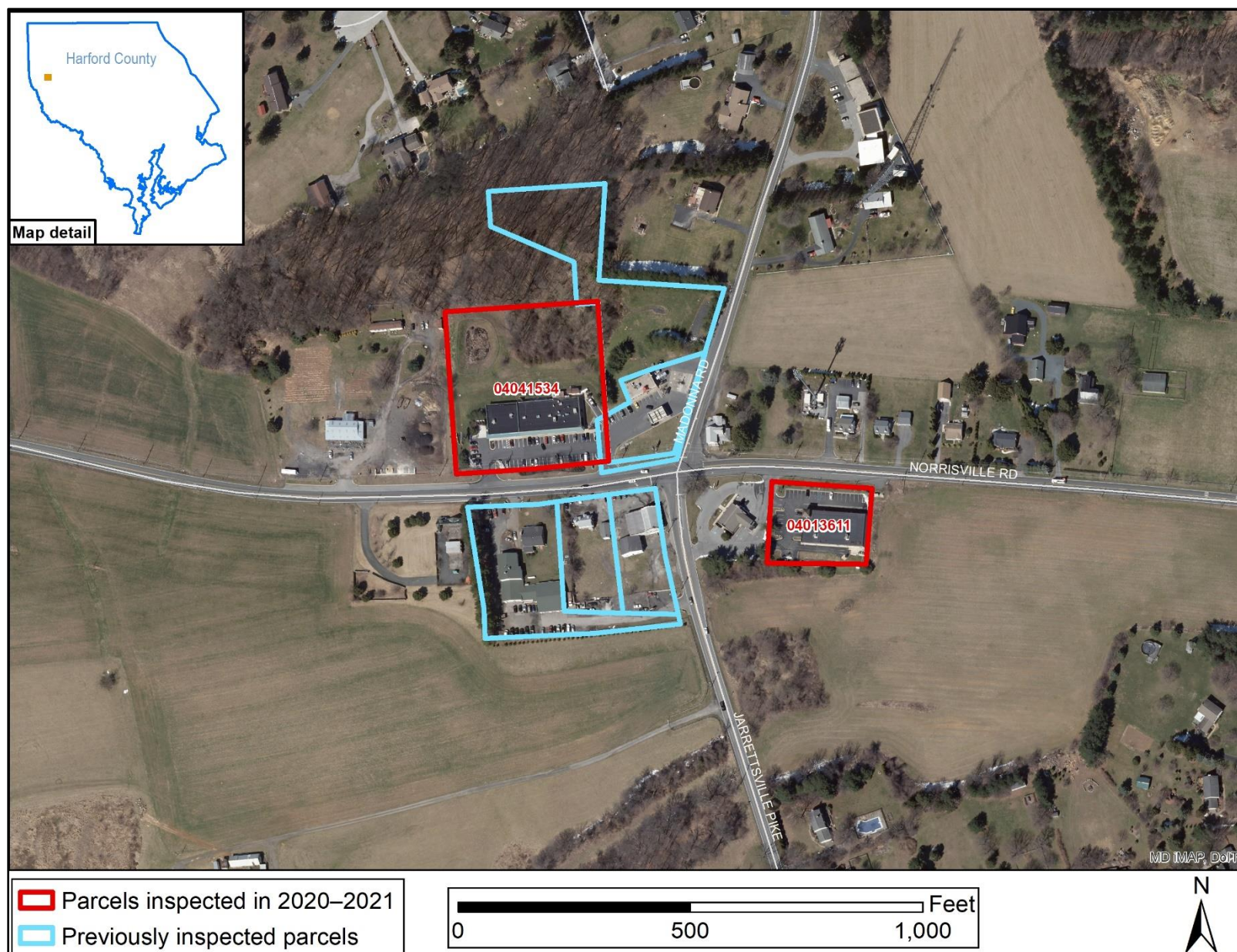


Figure E-6. HSI sites inspected in the Jarrettsville-Route 146 area for the 2020-2021 reporting year

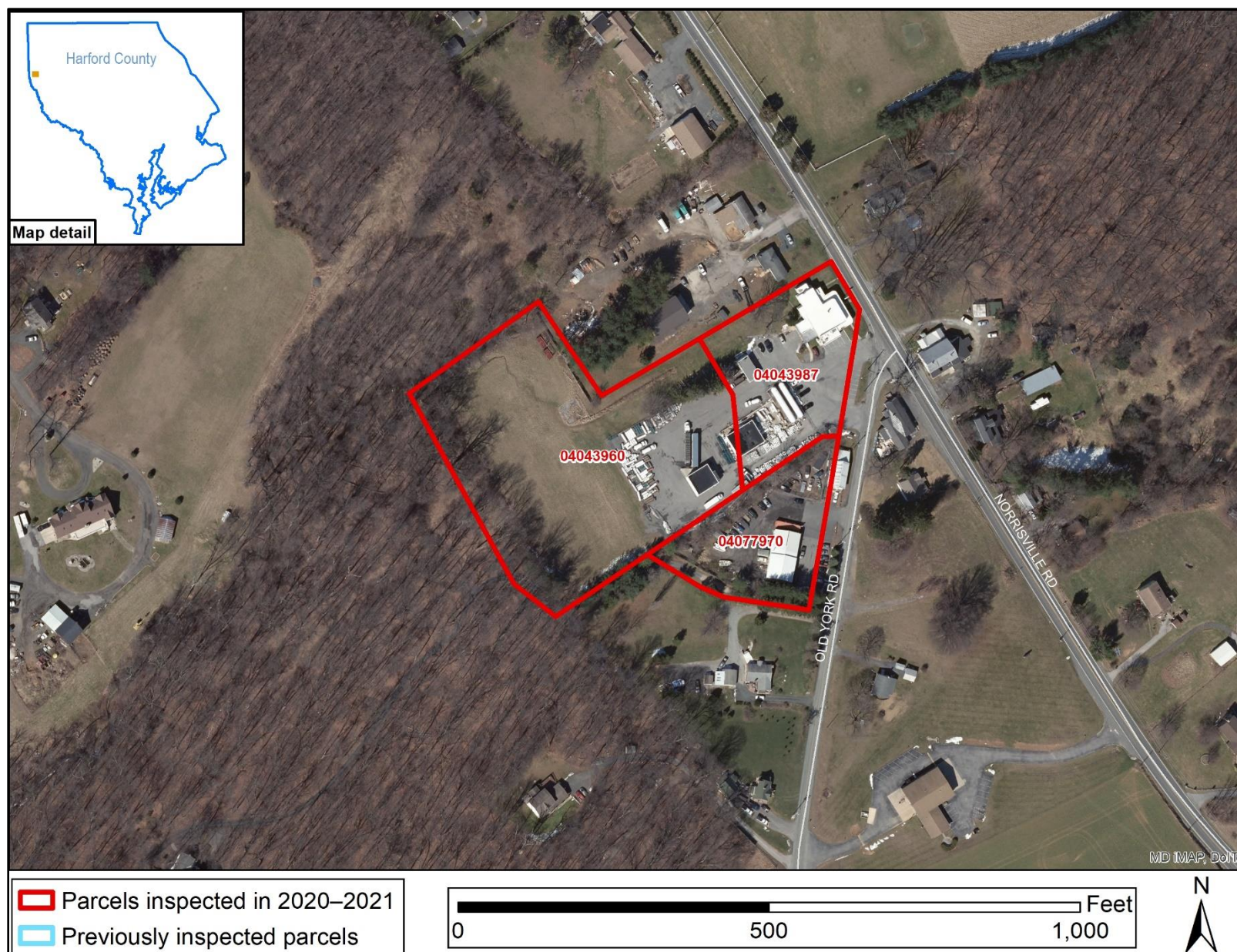


Figure E-7. HSI sites inspected in the Jarrettsville-Old York Road area for the 2020-2021 reporting year

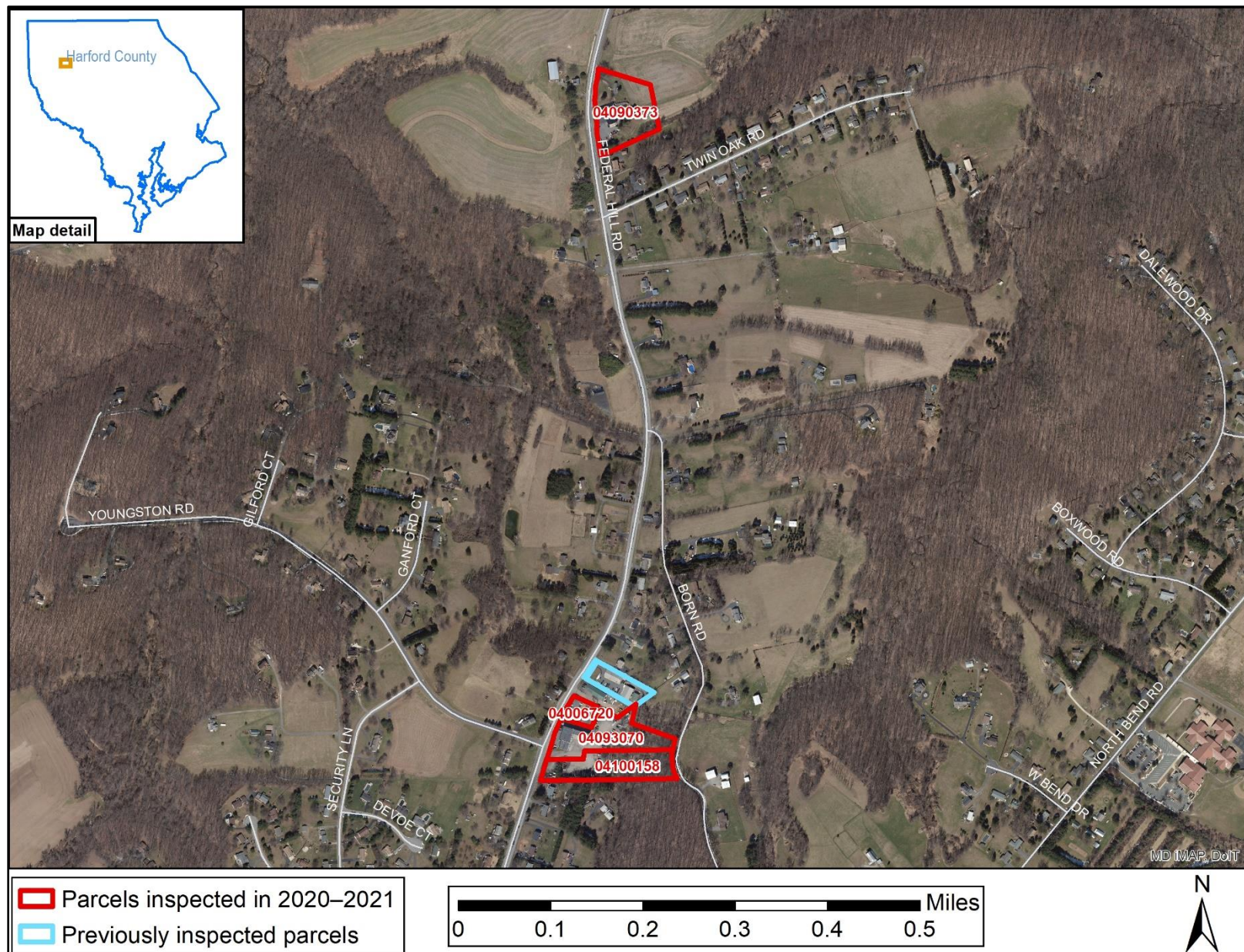


Figure E-8. HSI sites inspected in the Jarrettsville-North area for the 2020-2021 reporting year

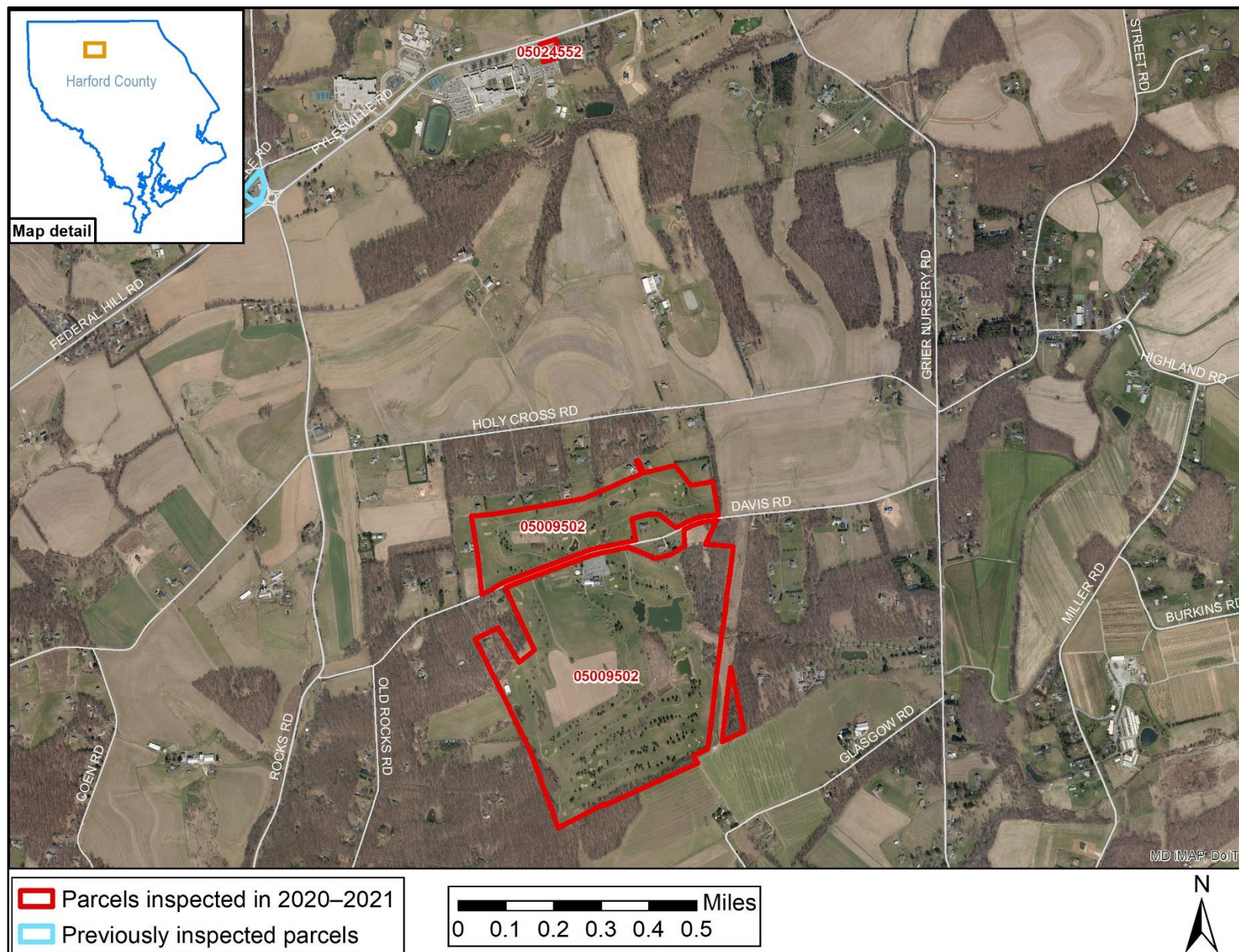


Figure E-9. An HSI site inspected in the Street area for the 2020–2021 reporting year

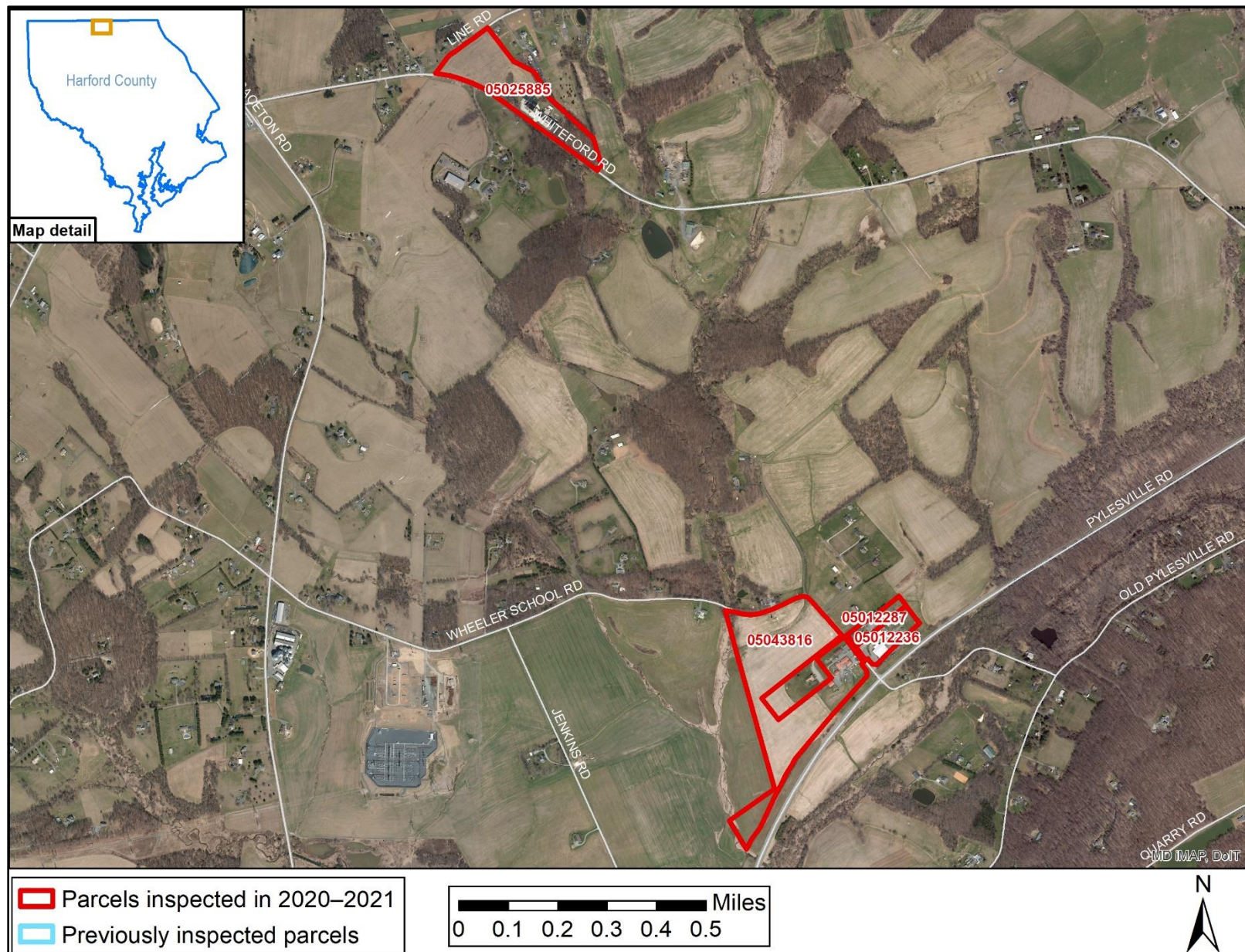


Figure E-10. HSI sites inspected in the Whiteford-West area for the 2020–2021 reporting year

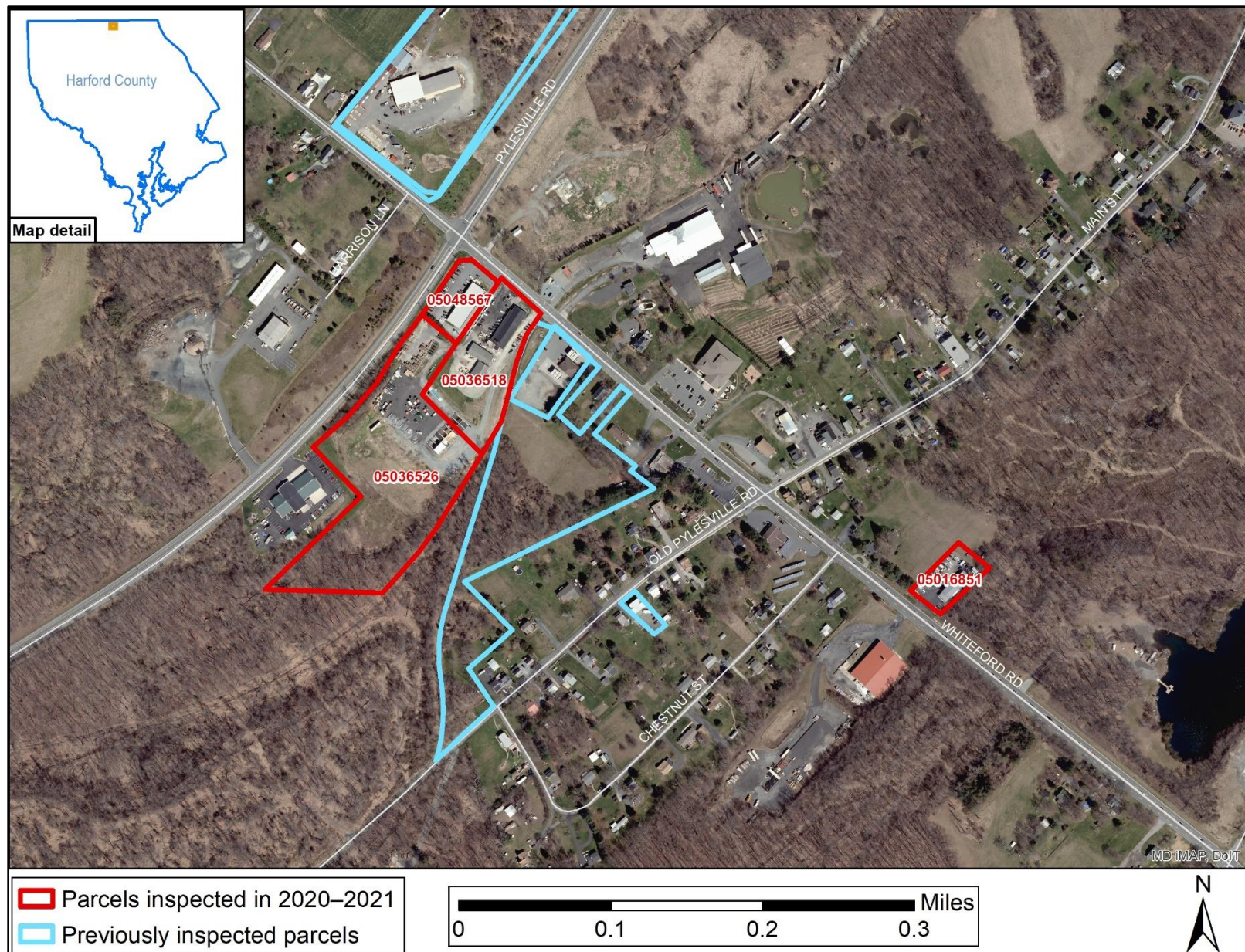


Figure E-11. HSI sites inspected in the Whiteford-South area for the 2020–2021 reporting year

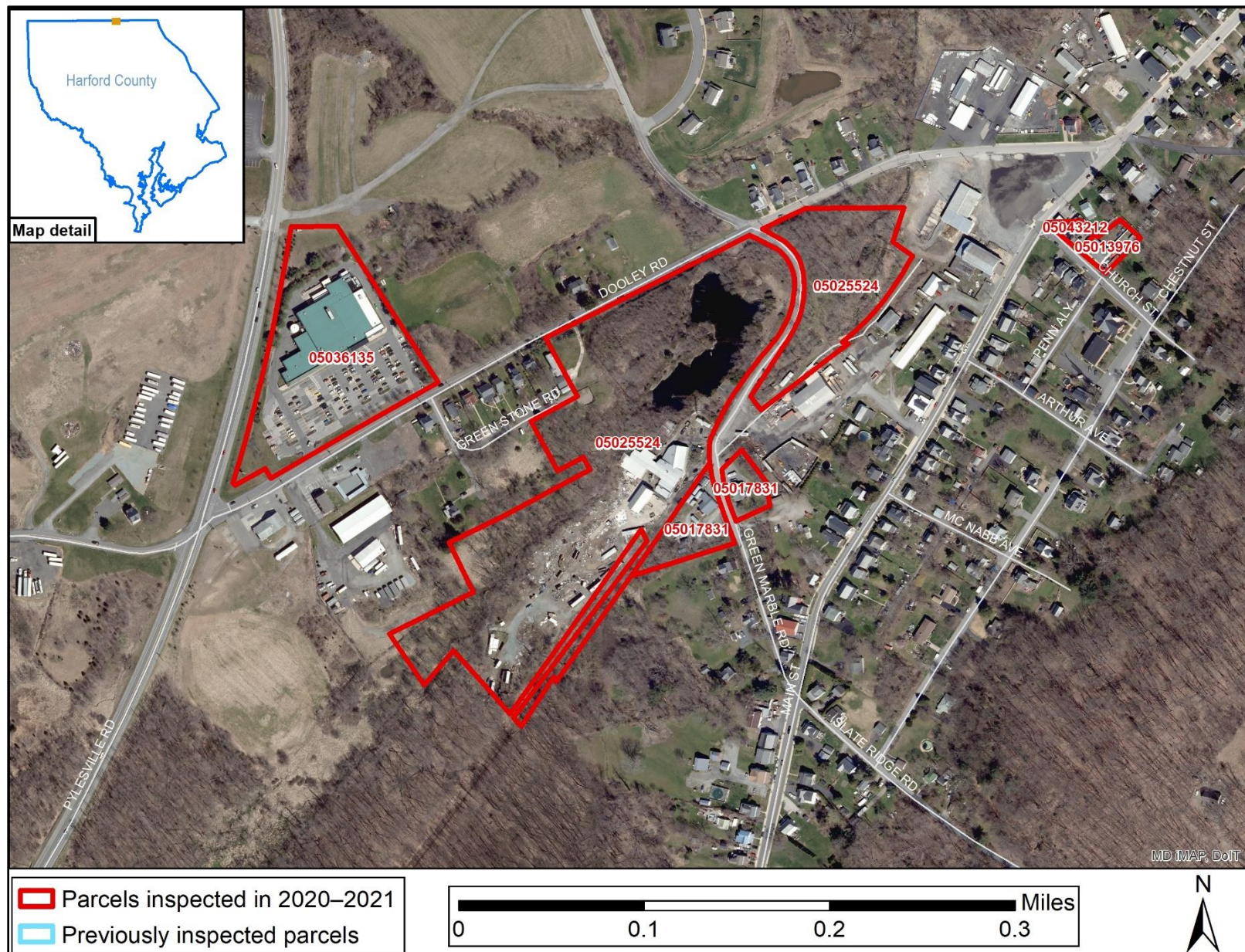


Figure E-12. HSI sites inspected in the Whiteford-North area for the 2020–2021 reporting year

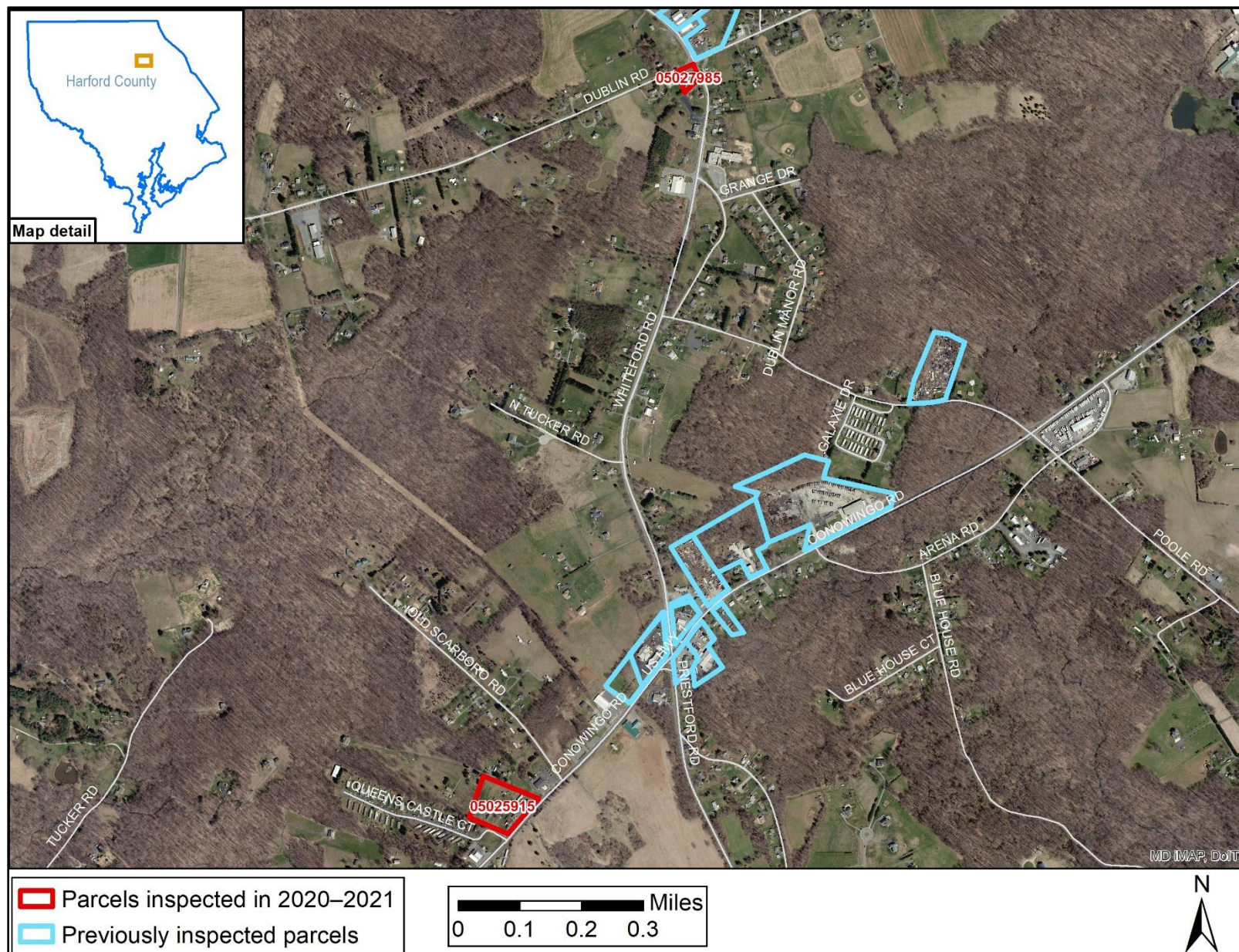


Figure E-13. HSI sites inspected in the Dublin area for the 2020–2021 reporting year

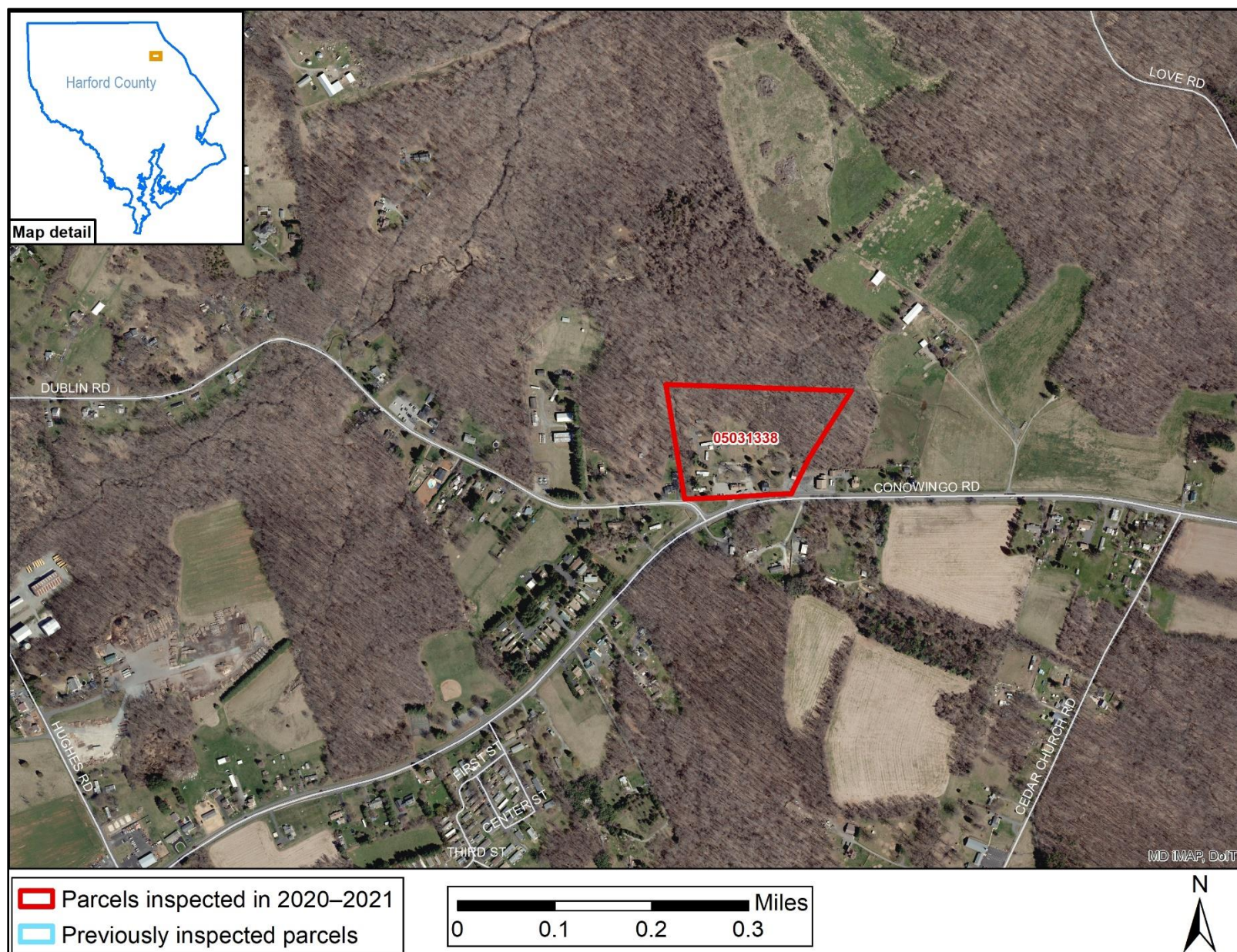


Figure E-14. An HSI site inspected in the Darlington-Dublin area for the 2020-2021 reporting year

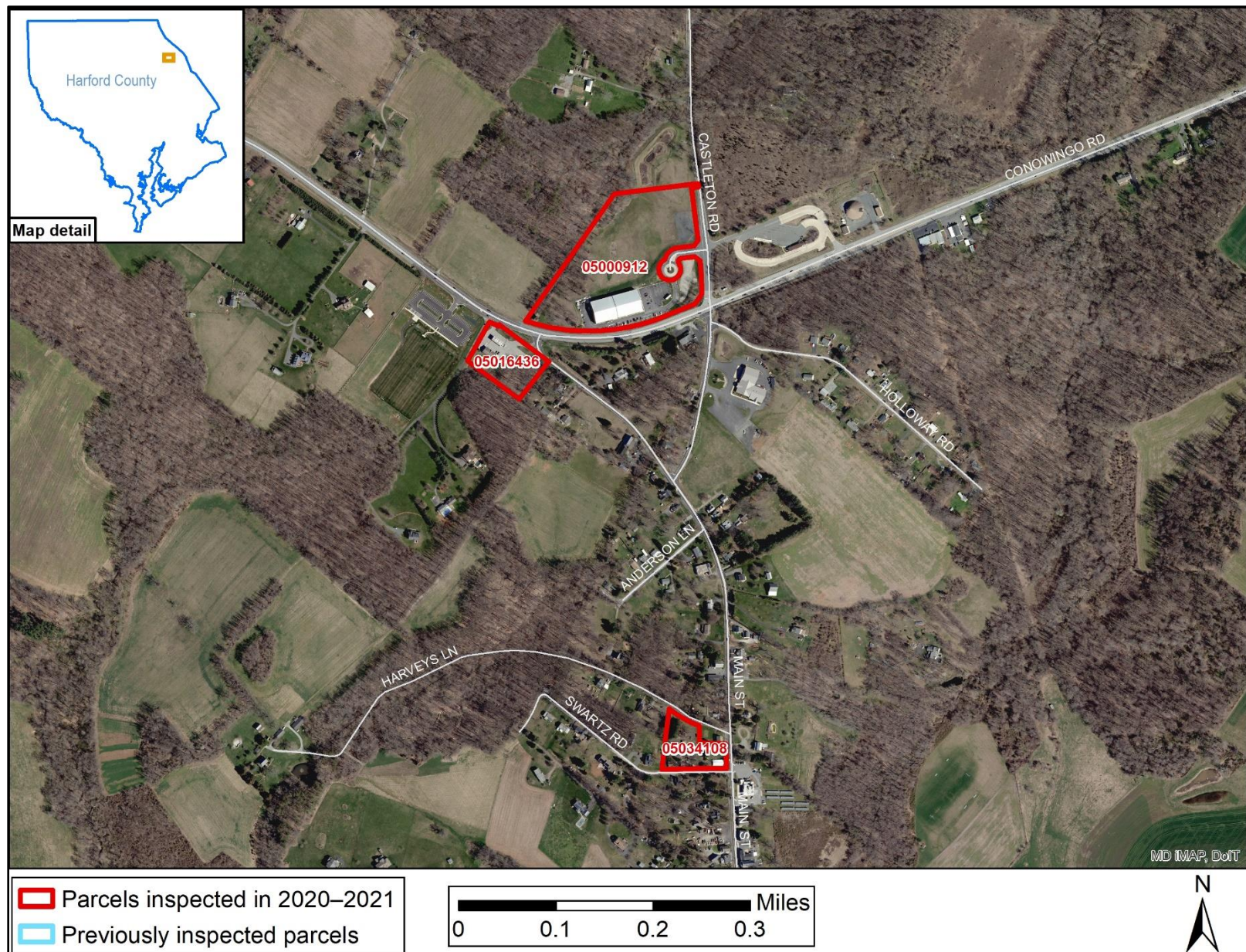


Figure E-15. HSI sites inspected in the Darlington-East area for the 2020–2021 reporting year

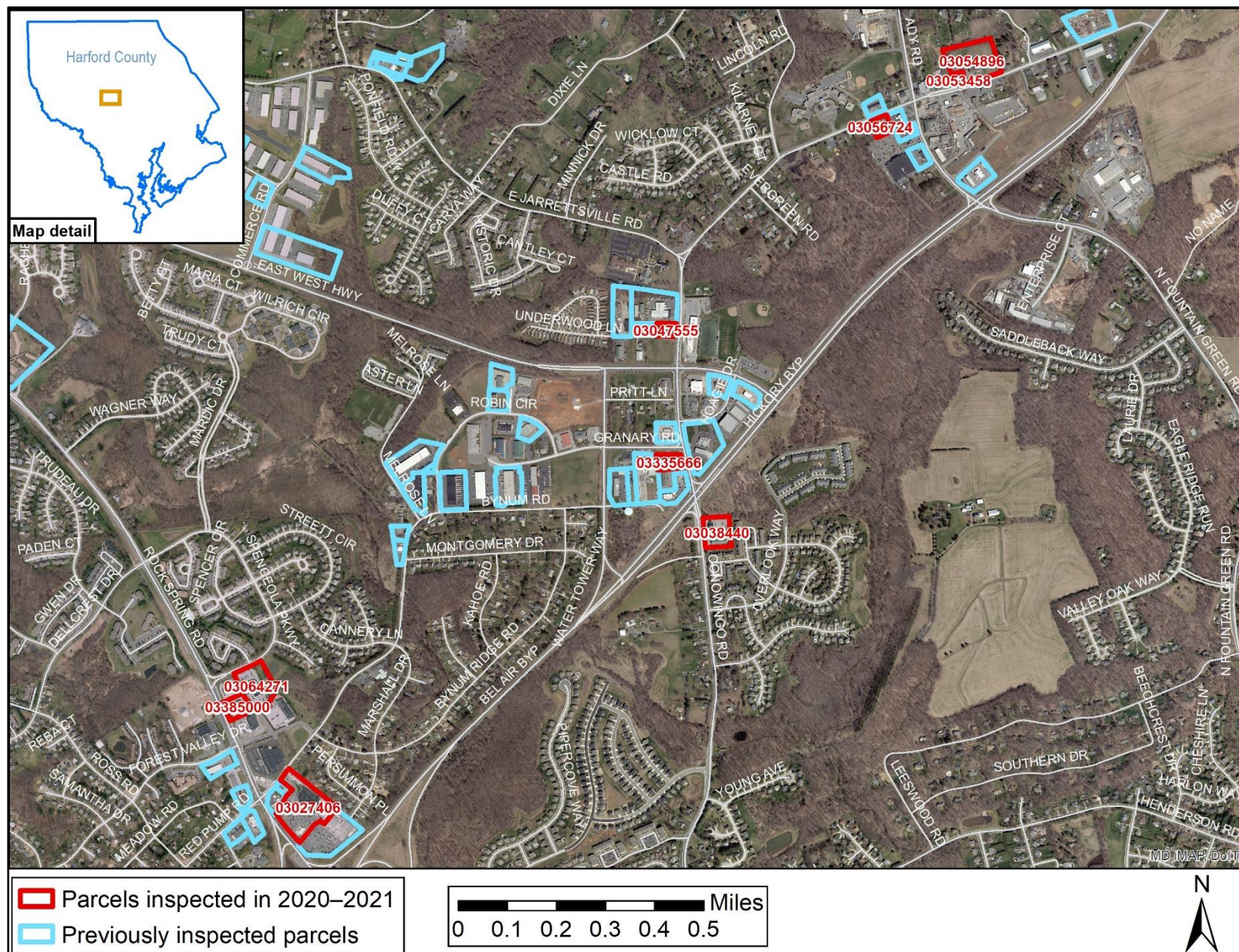


Figure E-16. HSI sites inspected in the Bel Air area for the 2020–2021 reporting year

BARRY GLASSMAN
HARFORD COUNTY EXECUTIVE

BILLY BONIFACE
DIRECTOR OF ADMINISTRATION



EDWARD HOPKINS
DIRECTOR OF EMERGENCY SERVICES

LOCAL EMERGENCY PLANNING COMMITTEE

Meeting Agenda

July 15, 2020

1. **Call to Order** **Chair Dick Schwanke**
2. **Introductions**
3. **Hearings –** **Solvay exotherm incident**
4. **Approval of Minutes** **Chair - Dick Schwanke**
5. **Guest Speakers** **None**
5. **Report of Incidents** **Special Ops. Manager – Mike Brunicke**
6. **SARA Title III Report** **SARA title III Planner – Forney Buchanan**
7. **MDE Report** **MDE CRTK – Pat Williams**
8. **Hazmat Report** **Special Ops. Manager – Mike Brunicke**
9. **Grant Update** **SARA title III Planner – Forney Buchanan**
10. **Emergency Management** **Emergency Management – Rick Ayers**
11. **OLD BUSINESS**
None
12. **NEW BUSINESS**
EPA TRI updates
13. **Items from Members**

Future Meetings: September 16th, 2020 (by video is likely)
November 16th, 2020

MARYLAND'S NEW CENTER OF OPPORTUNITY

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HARFORD COUNTY EXECUTIVE

BILLY BONIFACE
DIRECTOR OF ADMINISTRATION



EDWARD HOPKINS
DIRECTOR OF EMERGENCY SERVICES

LOCAL EMERGENCY PLANNING COMMITTEE

**Meeting Agenda
September 16th, 2020**

1. **Call to Order** **Chairperson - Dick Schwanke**
2. **Introductions** **Around the "table" for all**
3. **Hearings** **None scheduled**
4. **Guest Speakers** **None scheduled**
5. **Approval of Minutes** **Chairperson**
6. **Reports and Updates**
 - a. **Report of Incidents** **Special Ops. Manager – Mike Brunicke**
 - b. **SARA Title III / EPCRA Report** **SARA Title III Planner – Forney Buchanan**
 - c. **MDE Community RTK Report** **MDE Community RTK – Pat Williams.**
 - d. **Harford Co. Hazmat Team Report** **Special Ops. Manager – Mike Brunicke**
 - e. **Past Hearings Follow-up** **Solvay case – Clarence Ross**
 - f. **Grants Update** **SARA title III Planner – Forney Buchanan**
 - g. **Emergency Management** **Emergency Management – Rick Ayers**
 - h. **Health Department** **Environmental Health – Joe Delizia**
 - i. **Hospital**
 - i. **Other reports an updates** **Chairperson**
7. **OLD BUSINESS**

None
8. **NEW BUSINESS**

Hurricane Season program

EPA TRI regulatory changes
9. **Items from Members for the good of the group - Around the "table" for all**

Future Meetings: **18 November 2020 via video**
20 January 2021 (by video is likely)

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DIRECTOR OF ADMINISTRATION



EDWARD HOPKINS
DIRECTOR OF EMERGENCY SERVICES

LOCAL EMERGENCY PLANNING COMMITTEE

**Meeting Agenda
November 17th, 2020**

- | | | |
|-----|-----------------------------------|---|
| 1. | Call to Order | Chair Richard Schwanke |
| 2. | Introductions | |
| 3. | Hearings: None | |
| 4. | Approval of Minutes | Chair Richard Schwanke |
| 5. | Guest Speakers | None |
| 5. | Report of Incidents | Special Ops. Chief – Mike Brunicke |
| 6. | SARA Title III Report | SARA Title III Planner – Forney Buchanan |
| 7. | MDE Report | MDE CRTK – Pat Williams |
| 8. | Hazmat Report | Special Ops. Chief – Mike Brunicke |
| 9. | Grant Update | SARA Title III Planner – Forney Buchanan |
| 10. | Emergency Management | Emergency Management – Linda Ploener |
| 11. | <u>OLD BUSINESS</u> | |
| | None | |
| 12. | <u>NEW BUSINESS</u> | |
| | EPA TRY regulatory changes | |
| | Annual legal notification | |
| | LEPC schedule for CY2021 | |
| 13. | Items from Members | |

Next Meeting: January 20th, 2021

Future Meetings: March 17th, 2021

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EDWARD HOPKINS
DIRECTOR OF EMERGENCY SERVICES

LOCAL EMERGENCY PLANNING COMMITTEE

**Meeting Agenda
January 20th, 2020**

1. **Call to Order** **Chair Richard Schwanke**
2. **Introductions**
3. **Hearings: None**
4. **Approval of Minutes** **Chair Richard Schwanke**
5. **Guest Speakers** **None**
5. **Report of Incidents** **Special Ops. Chief – Mike Brunicke**
6. **SARA Title III Report** **SARA Title III Planner – Forney Buchanan**
7. **MDE Report** **MDE CRTK – Pat Williams**
8. **Hazmat Report** **Special Ops. Chief – Mike Brunicke**
9. **Grant Update** **SARA Title III Planner – Forney Buchanan**
10. **Emergency Management** **Emergency Management – Linda Ploener**
11. **OLD BUSINESS**
None
12. **NEW BUSINESS**
EPA TRI updates for Mid-Atlantic Region
CISA Cybersecurity and Physical Security Convergence Action Guide
NWS Skywarn Weather Spotter Training
13. **Items from Members**

Next Meeting: March 17th, 2021

Future Meetings: May 19th, 2021

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DIRECTOR OF EMERGENCY SERVICES

LOCAL EMERGENCY PLANNING COMMITTEE

Meeting Agenda

17 March, 2021 beginning at 3:00 PM

1. Call to Order
Chairperson Dick Schwanke
2. Introductions
Around the “table” for all
3. Hearings:
None scheduled for March 2021
4. Approval of Minutes
Chairperson Dick Schwanke
5. Guest Speaker(s)
Allen Frenette, Protective Security Advisor,
Region III – Maryland,
Cybersecurity and Infrastructure Security Agency
U.S. Department of Homeland Security
6. REPORTS and UPDATES
 - a. Past hearing(s) follow-up
Lead Investigator (as needed)
 - b. Report of Incidents
Special Ops. Chief – Mike Brunicke
 - c. Emergency Management
Emergency Management – Linda Ploener
 - d. SARA Title III Report
SARA Title III Planner – Forney Buchanan
 - e. Maryland Dept Environment
MDE CRTK Project Manager– Pat Williams
 - f. Hazmat Team Report
Special Ops. Chief – Mike Brunicke
 - g. Harford Legislative Update
County Council Member - Joe Woods
 - h. Grant Update
SARA Title III Planner – Forney Buchanan
 - i. Health Department
Environmental Health – Joe Delizia
 - j. Hospital Updates
UCMC Emergency Manager
 - k. Law Enforcement Updates
HC Sheriff’s Department
 - l. Cyber & Infrastructure Security
Protective Security Advisor – Allen Frenette
 - m. Other reports and updates
Chairperson Dick Schwanke (as needed)
7. RECURRING BUSINESS
None for this meeting

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8. NEW BUSINESS

- a. Regional moves within Cybersecurity & Infrastructure Security Agency – Lisa Dunaway
- b. Virtual instructor-led training from DHS
- c. Training AWR-333 Improvised Explosive Device Construction & Classification
- d. 14th Hazardous Materials Training Workshop – 7-8 May 2021, DE Fire School (no cost)
- e. FEMA Initial Assessment Report (Jan-Sept 2020) on Pandemic Response to COVID-19
- f. US Fire Administration and Incident Command System
- g. Other new business from members

9. Items from members for the good of the organization Around the “table” for all

Next Meeting – 19 May 2021

Future Meetings on third Wednesday of odd numbered months, including 21 July 2021

9. Items from members for the good of the organization Around the “table” for all
Next Meeting – 21 July 2021



Harford County Hazardous Materials Team

Report of Incidents

September LEPC Meeting

Hazmat Incident	Fire Incident	R. Code	Date	Location	Description	Watershed	Entered Water
20-058	20-171905	I	12-Jul-20	317 Lane Court	Resident dumping transmission oil in woods	Bynum Run	N
20-059	20-173750	I	16-Jul-20	E Ring Factory Rd / Trenton Lane	Notification of small diesel fuel spill at intersection	Winters Run	N
20-060	20-176715	N	17-Jul-20	705 Old Philadelphia Road	Notification of diesel fuel spill at location	Bush River	N
20-061	20-187677	C	28-Jul-20	45 South Main Street	Pick up sharps for disposal	Atkisson Reservoir	N
20-062	20-188481	I	29-Jul-20	Rt. 7 / Bristol Forest Drive	Investigate two blue drums in the swamp area	Bush River	N
20-063	20-189908	C	30-Jul-20	1925 Castle Road	Assist HCSO with a suspicious package	Deer Creek	N
20-064	20-202883	N	11-Aug-20	Harmony Church Rd / Nobles Mill Rd	Notification of small hydraulic oil spill in intersection	Deer Creek	N
20-065	20-203309	C	11-Aug-20	2639 Chestnut Hill Road	Assist EMS and HCSO at scene of cardiac arrest with expose to unk. Substance	Deer Creek	N
20-066	20-206781	C	14-Aug-20	1616 Watervale Road	Assist FD with CO meters	Atkisson Reservoir	N
20-067	20-209447	C	17-Aug-20	1009 Philadelphia Road	Investigate possible freon leak at location	James Run	N
20-068	20-228581	C	2-Sep-20	104 Industry Lane	Assist HCSO with white power identification	Bynum Run	N



Harford County Hazardous Materials Team

Report of Incidents

November LEPC Meeting

Hazmat Incident	Fire Incident	R. Code	Date	Location	Description	Watershed	Entered Water
20-068	20-228581	C	2-Sep-20	104 Industry Lane	Assist HCSO with white powder identification	Bynum Run	N
20-069	20-230907	C	4-Sep-20	1653 Poole Road	Homeowner mixed chemicals in house causing cloud	Deer Creek	N
20-070	20-234876	C	8-Sep-20	JFK SB MM 73.1	Diesel fuel spill from tractor trailer saddle tank	Gunpowder River	N
20-071	20-234901	N	8-Sep-20	2942 Charles Street	Diesel fuel and gasoline leak from pipeline	Little Gunpowder Falls	N
20-072	20-236951	I	10-Sep-20	2942 Charles Street	Follow up from previous spill	Little Gunpowder Falls	N
20-073	20-248939	I	20-Sep-20	783 W Bel Air Ave	Assist EMS on scene of medical call.	Swan Creek	N
20-074	20-254545	C	25-Sep-20	801 Churchville Road	Vehicle into pond leaking fluids	Bynum Run	Y
20-075	20-259343	C	29-Sep-20	2915 Lochary Road	Investigate report of truck leaking fuel down the roadway	Deer Creek	N
20-076	20-259358	C	29-Sep-20	Rt 165 / Grier Nursery Road	Vehicle into a creek, no fluids leaking	Broad Creek	N
20-077	20-260325	N	30-Sep-20	694 Angel Drive	Request to measure radon gas in a basement	Bush River	N
20-078	20-261624	N	1-Oct-20	913 E Broadway	Notification of subject who felt ill after opening package, unfounded	Bynum Run	N
20-079	20-261891	C	2-Oct-20	Jarrettsville Pike / Hess Road	Tractor trailer leaking from caps on saddle tanks	Deer Creek	N
20-080	20-278455	C	9-Oct-20	Rt 136 / Prospect Road	Fuel spill from a 10-50.	Deer Creek	N
20-081	20-274882	N	13-Oct-20	3135 Scarboro Road	Spill of 30 gallons of oil	Deer Creek	N
20-082	20-275348	I	13-Oct-20	Susquehanna River / Hatem Bridge	Sheen on the water, isolated to a boat	Lower Susquehanna River	Y
20-083	20-278455	N	16-Oct-20	2100 Conowingo Road	Notification of small spill of diesel fuel	Bynum Run	N
20-084	20-278108	C	16-Oct-20	102 Industry Lane	Assist FD at scene of building fire	Bynum Run	N
20-085	20-278430	I	16-Oct-20	1001 Running Creek Way	Request Hazmat for air sampling in an animal hoarding house	Bynum Run	N
20-086	20-278738	I	16-Oct-20	Mardiac Drive / Ma and Pa Trail	Spices from Industry Lane fire found in the creek	Bynum Run	N
20-087	20-283808	I	21-Oct-20	504 Advantage Ave	Small ammonia leak from condenser unit	Bush River	N
20-088	20-283881	I	21-Oct-20	938 Quarry Road	Investigate sheen on the water in the area of the quarry	Lower Susquehanna River	N
20-089	20-284906	I	22-Oct-20	236 Bynum Ridge Road	Report of dead fish in the stream, leftover runoff from spice company fire	Bynum Run	Y
20-090	20-286022	C	23-Oct-20	4800 Maryland House	Fuel spill in the parking lot of the Maryland House	Church Creek	N
20-091	20-286759	N	24-Oct-20	504 Advantage Ave	Notification of small ammonia leak	Bush River	N
20-092	20-290441	C	27-Oct-20	1224 Conowingo Road	**Report not yet completed**	**	**

[illegible]



Harford County Hazardous Materials Team

Report of Incidents

January LEPC Meeting

Hazmat Incident	Fire Incident	R. Code	Date	Location	Description	Watershed	Entered Water
20-094	20-304376	C	9-Nov-20	2521 Hess Road	Assist EMS at scene of a medical call	Atkisson Reservoir	N
20-095	20-304608	C	9-Nov-20	508 Baltimore Pike	Clean up medical waste found in the roadway	Bynum Run	N
20-096	20-306309	N	10-Nov-20	Urey Road / Norrisville Road	Notification of small spill of fuel in the roadway	Deer Creek	N
20-097	20-308005	C	12-Nov-20	Conowingo Road / Bel Air Bypass	Assist FD at scene of a 10-50 PI	Bynum Run	N
20-098	20-309327	I	13-Nov-20	2935 Level Road	Assist FD with an investigation of smoke in the area	Swan Creek	N
20-099	20-312588	C	16-Nov-20	2300 Churchville Road	Investigate fuel leak from a truck on the parking lot	Deer Creek	N
20-100	20-313022	C	17-Nov-20	I-95 SB MM 80	Fuel spill from a tractor trailer fire	Winters Run	N
20-101	20-315467	I	19-Nov-20	117 Industry Lane	Investigate report of improper containment at painting location	Bynum Run	N
20-102	20-315553	I	19-Nov-20	2745 Urey Road	Investigate report of diesel fuel spill from a truck	Deer Creek	N
20-103	20-316935	C	20-Nov-20	Garnett Road / Joppa Farm Road	Report of substance in water, determined to be residue from water main break	Gunpowder River	Y
20-104	20-317591	C	21-Nov-20	Rt 543 / Creswell Road	Spill of chemicals and gasoline from overturned box truck	James Run	N
20-105	20-318492	C	22-Nov-20	I-95 NB MM 867	Fuel spill from a ruptured saddle tank	Lower Susquehanna River	N
20-106	20-320787	C	24-Nov-20	1819 Wheel Road E	Overturned flatbed leaking diesel fuel	James Run	N
20-107	20-321160	I	24-Nov-20	1207 Brighton Lane	Report of fluids and mud from well drilling operation, no HAZMATs involved	Bynum Run	N
20-108	20-321833	I	25-Nov-20	3825 Federal Hill Road	Investigate diesel fuel spill from a portable generator	Church Creek	N
20-109	20-326801	N	30-Nov-20	Butterfield Drive	Notification of small diesel fuel spill on roadway	Church Creek	N
20-110	20-330217	I	3-Dec-20	512 E Michaelsville Road	Investigate small leak from vehicles at the scene of a garage fire	Bush River	N
20-111	20-335737	I	8-Dec-20	1049 Sansa Court	Investigate report of vehicles leaking fuel and washing down storm drain	Winters Run	N
20-112	20-339299	C	11-Dec-20	289 Girard Street	Report of sheen on the water	Lower Susquehanna River	Y
20-113	20-339656	N	11-Dec-20	301 Girard Street	Second report of above incident	Lower Susquehanna River	Y
20-114	20-343891	I	15-Dec-20	3004 Emmorton Road	Investigate report of subjects throwing liquid in parking lot, water from mop	Winters Run	N
20-115	20-344859	C	16-Dec-20	4166 Norrisville Road	Report of leaking saddle tank, no leak found	Deer Creek	N
20-116	20-344882	I	16-Dec-20	Rt 23 / Grafton Shop Road	Assist FD at scene of 10-50	Atkisson Reservoir	N

20-117	20-345214	C	16-Dec-20	I95 SB MM 78.7	Diesel fuel spill from saddle tanks of tractor trailer	James Run	N
20-118	20-345317	N	17-Dec-20	1900 Oakmount Road	Notification of small spill of hydraulic fluid	Gunpowder River	N
20-119	20-345332	N	17-Dec-20	3054 Daisy Lane	Notification of small spill of hydraulic fluid	Deer Creek	N
20-120	20-348278	N	20-Dec-20	507 Twin Leaf Drive	Notification of a vehicle leaking oil	Bush River	N
20-121	20-351557	N	23-Dec-20	2603 Mountain Road	Notification of small amount of spill of home heating oil	Gunpowder River	N
20-122	20-351851	N	23-Dec-20	938 Quarry Road	Notification of small hydraulic oil spill	Lower Susquhanna River	N
20-123	20-352911	C	24-Dec-20	I95 SB MM 90.4	MVC involving a propane truck, Hazmat cancelled prior to arrival	Lower Susquhanna River	N
20-124	20-359530	C	31-Dec-20	745 Schofield Ave	Home heating oil leak from tank	Swan Creek	N



Harford County Hazardous Materials Team

Report of Incidents

March LEPC Meeting

Hazmat Incident	Fire Incident	R. Code	Date	Location	Description	Watershed	Entered Water
21-001	21-014258	I	13-Jan-21	1795 Falstaff Road	Investigate white powder in a bottle, used for target shooting	Broad Creek	N
21-002	21-015053	I	14-Jan-21	4706 Fawn Grove Road	Investigate suspicious package delivered to house	Deer Creek	N
21-003	21-027484	I	25-Jan-21	39 N. Hickory Ave	Assist EMS at scene of call.	Broad Creek	N
21-004	21-035376	C	1-Feb-21	Darlington Road / Deer Creek Bridge	Diesel fuel spill at scene of a tractor trailer accident	Deer Creek	Y
21-005	21-040169	N	6-Feb-21	1105 Mountain Road	Notification of DEF fluid spill in parking lot	Gunpowder River	N
21-006	21-040381	C	6-Feb-21	195 NB MM 854	Pump off from overturned truck in a creek	Upper Chesapeake Bay	Y
21-007	21-042933	I	9-Feb-21	76 Valley Bottom Road	Assist FD at scene with 1585 for warming and rehab	Swan Creek	N
21-008	21-050421	N	16-Feb-21	2209 Conowingo Road	Notification of 1 gal. spill of diesel fuel	Deer Creek	N
21-009	21-050821	C	16-Feb-21	Pulaski Highway / Riverside Parkway	Pump off of overturned tractor trailer	Bush River	N
21-010	21-059331	C	25-Feb-21	133 Darlington Road	Fuel spill from accident involving tractor trailer	Deer Creek	N
21-011	21-061682	C	27-Feb-21	134 Laurel Woods Court	Investigate report of paint dumped in roadway	Bynum Run	N
21-012	21-065785	N	3-Mar-21	3818 Norrisville Road	**Report not completed**	**	**
21-013	21-065940	C	3-Mar-21	2804 Beechwood Lane	Home heating oil tank leaking fuel	Gunpowder River	N
21-014	21-072217	C	9-Mar-21	355 Roberts Way	**Report not completed**	**	**
21-015	21-072549	N	9-Mar-21	2004 Thomas Run Road	Notification of leaking propane tanks, handled by FD	Bynum Run	N
21-016	21-074686	I	11-Mar-21	2304 Shoreham Court	Investigate bottles of a chemical behind a dumpster	Atkisson Reservoir	N
21-017	21-074854	C	11-Mar-21	Ma and Pa Trail / Newport Drive	Investigate pail with oil/water mix inside	Bynum Run	N
21-018	21-074972	I	11-Mar-21	Rt 22 / Thomas Run Road	Assist FD at scene of an MVA	Bynum Run	N



Harford County Hazardous Materials Team

Report of Incidents

May LEPC Meeting

Hazmat Incident	Fire Incident	R. Code	Date	Location	Description	Watershed	Entered Water
21-018	21-074972	I	11-Mar-21	Rt 22 / Thomas Run Road	Assist FD at scene of an MVA	Bynum Run	N
21-019	21-076008	N	12-Mar-21	3241 Scarboro Road	Notification of spill of hydraulic oil	Deer Creek	N
21-020	21-081106	N	17-Mar-21	2450 Harford Road	Notification of 15-gallon spill of hydraulic oil	Little Gunpowder Falls	N
21-021	21-087754	C	23-Mar-21	Rt 136 / Kerr Road	Pump off from dump truck involved in MVA	Broad Creek	N
21-022	21-088050	I	23-Mar-21	Aberdeen Ave / Bypass Road	Investigate abandon drum on side of the road	Swan Creek	N
21-023	21-088362	C	23-Mar-21	I95 NB MM 904	Pump off from overturned tractor trailer	Lower Susquehanna River	N
21-024	21-091966	B	27-Mar-21	Rt 22 / Moores Mill Road	Chemical leak from vehicle involved in MVA	Bynum Run	N
21-025	21-092986	N	28-Mar-21	2420 Whiteford Road	Notification of small gasoline spill	Broad Creek	N
21-026	21-102589	C	6-Apr-21	717 S. Fountain Green Road	Leak of acid from battery that fell off vehicle	Bush River	N
21-027	21-105672	I	9-Apr-21	817 Long Bar Harbor Road	Investigate uncovered UST, not leaking	Bush River	N
21-028	21-108862	C	12-Apr-21	1357 Belcamp Road	Investigate leaking propane tank, handled by MDE	James Run	N
21-029	21-209266	N	29-Apr-21	2700 Philadelphia Road	Notification of small hydraulic oil spill	Gunpowder River	N
21-030	21-209542	C	29-Apr-21	599 Stafford Road	Truck into water leaking fuel at boat ramp	Upper Chesapeake Bay	N
21-031	21-212951	C	2-May-21	943 Pulaski Highway	Investigate paint leaking from a vehicle on the parking lot	Lower Susquehanna River	N
21-032	21-222635	N	11-May-21	Econ Drive / Beckett Court	Notification of small hydraulic oil spill	Atkisson Reservoir	N



Harford County Department of Emergency Services
Special Operations Team
Report of Incidents
(Month) LEPC Meeting



Incident #	Response Code	Date	Location	Box #	Description	Watershed	Product Entered Waterway
21-225582	Level C	5/14/21	601 Hoagie Drive	313	GFL Garbage Truck diesel fuel tank failed	Deer Creek	N
21-225611	Notification	5/14/21	601 Hoagie Drive	313	Notification of above incident	Deer Creek	N
21-228039	Investigation	5/16/21	438 Bernice Terrace	214	Report of Mercury Spilled in Home	Swan Creek	N
21-229755	Level C	5/18/21	133 Emmorton Bypass	348	Overtured Tractor Trailer	Atkisson Reservoir	N
21-232566	Investigation	5/20/21	2420 Whiteford Road	601	Gasoline from a ruptured gas tank	Deer Creek	N
21-232787	Level C	5/20/21	610 Harborside Drive	808	Chemical Odor in Building	Gunpowder River	N
21-233504	Investigation	5/21/20	Flying Point Marina	470	Possible Meth Lab on Boat	Bush River	N
21-235783	Investigation	5/23/21	5271 Pulaski Highway	CC	Assist Cecil County with leaking propane tank	Cecil County	N
21-236436	Notification	5/24/21	I95 NB MM 785	495	Report of vapor leak from tractor trailer	James River	N
21-245991	Level C	6/2/21	406 Constant Friendship Blvd	403	Antifreeze Leak	Gunpowder River	N
21-247016	Level B	6/3/21	2407 Rock Road	362	Odor of chemicals in School	Deer Creek	N
21-247507	Investigation	6/3/21	2427 Hess Road		Assist Fire Dept at scene of a fire	Attkisson Reservoir	N
21-248496	Investigation	6/4/21	710 Saint James Place	556	Possible chemicals found in car	Lower Susquehanna River	N
21-251951	Investigation	6/7/21	911 Prospect Mill Road	322	Assist Fire dept at 1050 PI	Swan Creek	N
21-252817	Level C	6/8/21	2740 Parallel Path	409	Investigate Oil dumped in storm drain	Bynum Run	Unrecoverable
21-257804	Investigation	6/12/21	3402 Conowingo Road	922	60 gallons of tar on the road	Deer Creek	N
21-261897	Level C	6/16/21	I95 Maryland House	495	Gasoline spill at fuel pumps	Bush River	2-3 gallons
21-261942	Level C	6/16/21	I95 NB MM81.2	495	1050 PI with tractor Trailers	Bush River	N
21-264194	Level C	6/18/21	I95 SB MM 812	495	Overtured Tractor Trailer	Bush River	N
21-276823	Notification	7/1/21	5065 Conowingo Road	917	Notification of sheen on the upper Susquehanna River	Susquehanna River	Unrecoverable
21-277099	Investigation	7/1/21	2220 Ady Road	316	Responded to a AA Alarm at DES	Deer Creek	N
21-281375	Response	7/5/21	Sandy Hook Road	928	Respond with MCI Trailer	Deer Creek	N
21-287923	Notification	7/7/21	2 Jarrettsville Pike	708	5-gallon bucket of oil spilled on side of road	Gunpowder River	N
21-288972	Investigation	7/13/21	309 Steven Circle	216	Request to test possible CDS	Bush River	N
21-290183	Level C	7/14/21	I95 NB MM 815	495	1050 PI involving Tractor Trailer	Bush River	N
21-291224	Notification	7/15/21	Swift Run Drive	401	Report of 5 gallons of fuel	Bush River	N